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~~14.1.1954~~

The CHEMIST AND DRUGGIST



For Retailer, Wholesaler and Manufacturer

NOVEMBER 17 1956

YOUR GALENICAL SUPPLIES

Whether you use galenicals for your own specialities, or for wholesale distribution to the dispensing chemists, you will find Stafford Allen's Galenicals to be, as always, of the highest and most reliable standard, and available for prompt delivery.



LIQUID
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TINCTURES
EMULSIONS
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SONS LIMITED
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8 DOZ. 1/8 SIZE GLYMIEL JELLY @ 8/4 DOZ.	3 6 8
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PLUS P.T. 90%	3 3 4
TOTAL COST	<u>2 17 0</u>
	6 0 4

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LESS 7½%	5 10 0
PLUS P.T. 90%	8 3
TOTAL COST	<u>5 1 9</u>
	4 11 7
	<u>9 13 4</u>

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	7 5 10
	<u>15 7 10</u>

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This special discount offer
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BRITISH MEDICAL JOURNAL

14.11.1956

ADVERTISER



Shortening the road to recovery

Among the legacies of shock, injury, burns, surgery, severe infection and other conditions of extra-ordinary physiological stress is a period when the body's defences are severely taxed. In such conditions tissue depletion of ascorbic acid and the B-complex vitamins often occurs, hindering antibody production and tissue repair. Such situations can be safely surmounted with STRESSCAPS—the new LEDERLE formula combining five essential factors in effective therapeutic amounts. One or two capsules daily will usually overcome the vitamin deficiency and prove the real value of STRESSCAPS in shortening the road to recovery.

STRESSCAPS*

Stress Formula Vitamins Lederle

*TRADE MARK

Each capsule contains: THIAMINE MONONITRATE, 10 MG; RIBOFLAVINE, 10 MG; NIACINAMIDE, 100 MG;
ASCORBIC ACID, 300 MG; FOLIC ACID, 5 MG.
In bottles of 30.

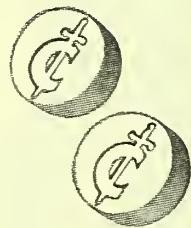


LEDERLE LABORATORIES DIVISION
Cyanamid PRODUCTS LTD. LONDON, W.C.2

Lederle products are consistently being promoted to doctors in medical journals throughout the world. The above advertisement is currently appearing in leading British medical journals. Literature on the products referred to is available to pharmacists on request.

The Benefit

of Codis



CODIS is a compound tablet that provides CODEINE and PHENACETIN with CALCIUM ASPIRIN which replaces the ordinary aspirin in tab. codein. co. B.P.

"CODIS" offers all the well-known therapeutic properties of tab. codein. co. B.P.—but greatly diminishes the chance of gastric upset caused by undissolved particles of ordinary aspirin in tab. codein. co. B.P.

This considerable benefit is becoming

increasingly known to doctors. Their confidence in Codis arises from their experience. Let their experience be your guide.

When your customers ask for codeine tablets, recommend Codis—the safest and the best.



COMPOSITION

Each Codis tablet contains:—Acid. Acetylsalicyl. B.P. 4 gr., Phenacet. B.P. 4 gr., Codein. Phosph. B.P. 0.125 gr., Calc. Carb. B.P. 1.2 gr., Acid. Cit. B.P. (Exsic.) 0.4 gr.

*CODIS is not advertised to the public
(REGD.)*

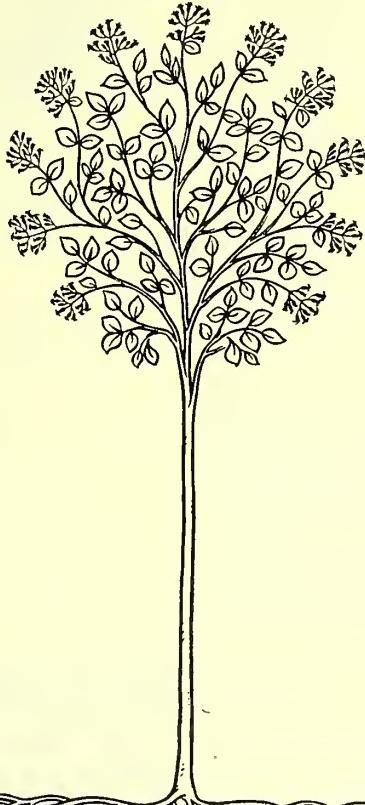
NEW SIZE DISPENSING PACK. (Purchase Tax Free.) 500 tablets in distinctive gold foils of 10 tablets each, 25/- per box.

PUBLIC SIZE. Pack of 20 tablets (in foil), 2/8 inc. P.T.

RECKITT & COLMAN LTD., HULL & LONDON (PHARMACEUTICAL DEPT., HULL)

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'THE TREE OF LIFE'

This modern interpretation of 'the tree of life' is the trade mark of Carnegies of Welwyn Limited. It is a guarantee of goods of the finest quality.

From the earliest period of Near Eastern glyptic art (C.4000 B.C.) there have appeared representations of the tree as the symbol of life and fertility. From the tree Sumerians and later Assyrians and Babylonians collected many types of fruit, leaves, bark and gums used in their medical prescriptions. For this reason by the time of the Neo-Assyrian Empire (C.800 B.C.) there was a specific ritual whereby the King himself drew 'life' from a symbolic tree. This ceremony assured the life not only of the King but of his land and people. Later still the presence of a tree on a relief continued the idea of the 'tree of life' representing health and prosperity.

ALWAYS INSIST ON 'TREE OF LIFE' BRAND PRODUCTS

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Telephone: WELWYN GARDEN CITY 5001 (10 lines)

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REGD.

Yields 1/8d. PROFIT on each sale!

New National Advertising means that more people will be asking for 'Nervone' and, remember, your profit is 1/8d on each sale. Please see that your stock is sufficient to meet the demand.

A Biochemic Product Prepared by

NEW ERA LABORATORIES LTD.
Cecil House, Holborn Viaduct, London, E.C.I.



TWINKLE GLINTS & DUST

Retail Prices:— 1/1½d., 3/1d., 7/3d., inc. P.T. Order from your Wholesaler or direct from

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BURROUGH'S ABSOLUTE ALCOHOL

JAMES BURROUGH LTD. 1 CALE DISTILLERY LONDON S.E.11

Millions of men and women know that it's
KAY'S
for coughs

* feature Kay's display material prominently on your counter

KAY'S LINSEED COMPOUND

in syrup for the home — in pastilles for the pocket



A REMINDER

Now is the time to remind your customers about ESOBACTULIN—if they are to remain free from colds this winter.

DISPLAY NOW AND GET RESULTS

Retail Price 7/10½d. inc. P. Tax.

33½% Discount plus Bonus 13 to the dozen.

Supplied through your usual Wholesaler.

SOUTHON LABORATORIES LTD.
84-88, UPPER RICHMOND ROAD, LONDON, S.W.15



GROMIDIN Sub-lingual TABLETS

Each tablet contains 0.25 mg. Pure Gramicidin, an antibiotic of microbial origin. It is a cyclic polypeptide containing various amino-acids (Glycine-Alanine-Valine-Leucine-Tryptophane) and Ethanolamine.

POSOLOGY

5 to 10 tablets daily, to be dissolved slowly in the mouth.

Indications: Treatment and prophylaxis of rhino-pharyngeal, laryngeal, buccal and dental affections. Also in treatment of bronchitis.



PACKING:

Tin of 25 tablets

YOUR PRICE:

3½/6 per dozen

RETAILING AT:

3/6 per tin

BENGUE & CO. LTD.
Manufacturing Chemists
MOUNT PLEASANT • ALPERTON • WEMBLEY • MIDD...



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GREENFORD, MIDDLESEX, ENGLAND
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OF AN ESTABLISHED ONE . . .**

**Ask your Wholesaler, Retailer and Traveller—
they will all vote for advertising in the
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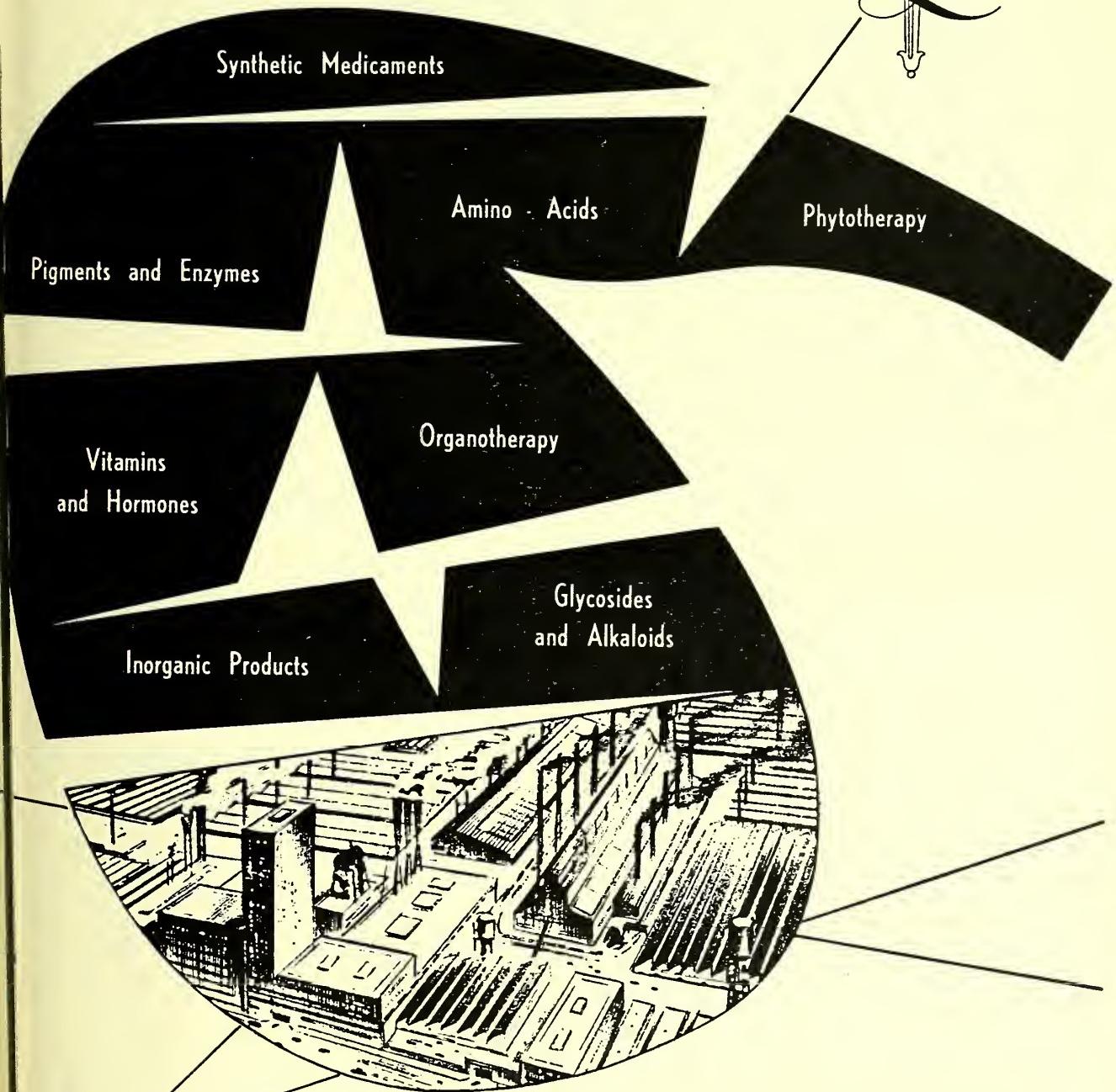
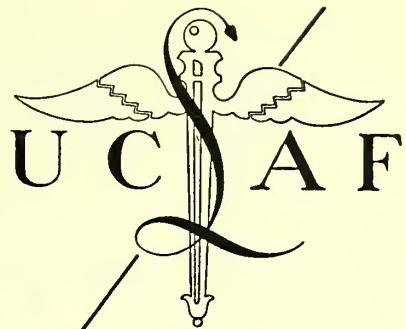
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for counter sales that keep custom

3 SUCCESSFUL LINES

Black Currant Cough Linctus
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Available in **10** attractive
Packaging styles for your
OWN NAME & ADDRESS

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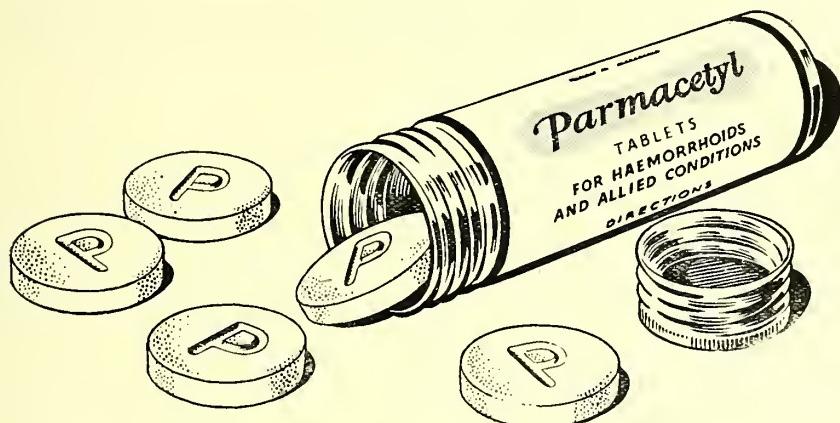
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HERBS • ROOTS • SEEDS • BARKS
GUMS • ESSENTIAL OILS • WAXES
SPICES • BALSAMS • RESINS

When you receive prescriptions for

PARMACETYL

*-the new Oral treatment for
Hæmorrhoids-*



YOU WILL NEED THIS PACK

A RECENT series of clinical trials has proved this new oral treatment to be efficacious in cases of 1st, 2nd and 3rd degree piles. Literature on Parmacetyl, and samples of the product, have been supplied to medical men.

Parmacetyl is not advertised to the lay public, and may be prescribed on Form E.C.10. The basic N.H.S. price is **2s. 1d.** per tube of 12 tablets.

FORMULA:

Each tablet contains
Ethyl Hydroxy-ethyl Cellulose
0·162 grammie,
Mag. Hydrox. B.P.C.
0·130 grammie,
Cetaceum B.P.C.
0·324 grammie, excipient q.s.

PARMACETYL

MANUFACTURERS: E.G.H. LABS. (E.G.H. LABORATORIES LTD) PERU ST, SALFORD 3, LANCS
Your Wholesaler has supplies

Neo-Cortef

Trade Mark

UPJOHN'S NEOMYCIN - HYDROCORTISONE OINTMENT

Now Available in

New 20 Gm. Tubes

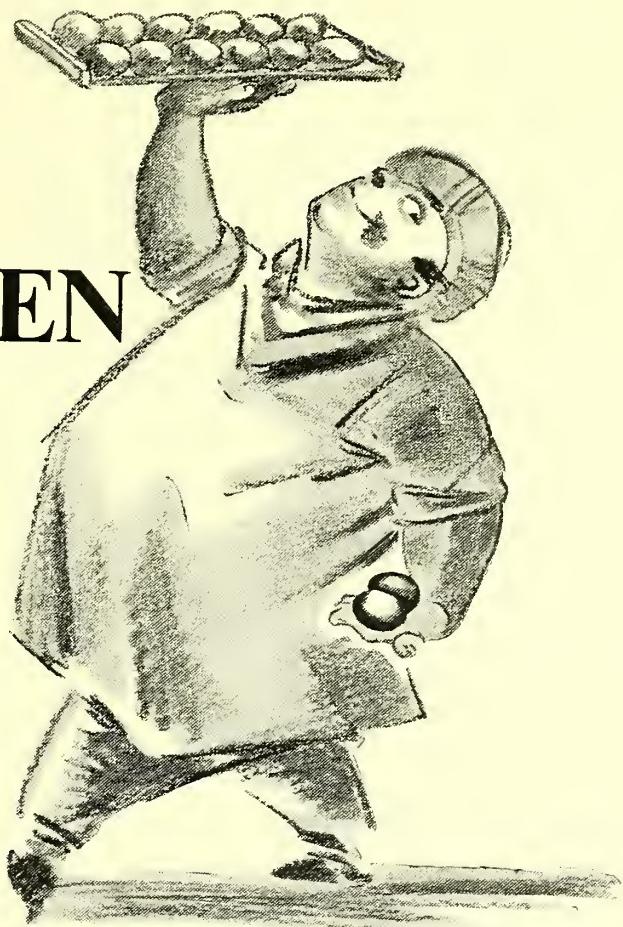
The Upjohn logo is a dark oval containing the word "Upjohn" in a white, serif font.

Price 1% 20s 7d
2½% 50s 0d

UPJOHN OF ENGLAND LTD · 4 ALDFORD STREET · LONDON W1

12, 13, 14

to the DOZEN



SPECIAL BONUS OFFER

*on a minimum order of 2 dozen
'ENDRINE' Nasal Compound
1 oz. size, any variety,*

during **NOVEMBER** *in return for counter or window display*

Summer has gone and ahead lies the winter with its wet and cold and the ever-recurring fog. All these will raise the incidence of colds and catarrh, and, as a result, the demand for 'Endrine' Nasal Compound will increase. You can share in these increased sales by availing yourself of the exceptional bonus offer

at 22/8d. per dozen (excl. P.T.)

your profit is 24/8d. on the small outlay of 45/4d. (excl. P.T.)

Your usual wholesaler can execute your order by return.

'ENDRINE'
TRADE MARK

Available in three varieties :—Ordinary, Mild and Isotonic.



JOHN WYETH & BROTHER LTD., CLIFTON HOUSE, EUSTON RD., LONDON, N.W.1

M O T H E R L I K E S T H E P O W D E R — B A B Y L I K E S T H E T I N

Southalls

PROUDLY PRESENT...

*their new-formula
baby powder,
in its fascinating
'nursery' container*



Made for hygiene, Southalls Baby Powder is a perfect combination of super-fineness, purity and delicate fragrance. The new tin is easy to handle, — with no sharp edges or corners and fitted with a plastic captive top—and the sides are decorated with adorable Nursery Animals, appealing to Mother and Baby alike. Stock up with Southalls Baby Powder now—to tie-in with the striking Press Advertisements which will be appearing in widely-read Women's and Nursery Magazines.



INTRODUCTORY BONUS OFFER!

A bonus of 4d. per dozen tins, irrespective of quantity, will be given on all orders booked up to and including 31st December, 1956.

*Order through your
usual wholesaler today.*

Retail Price—1/10d. per tin.

Trade Price—12/6d. per doz. tins

(plus P.T. (30%) at 3/9d. per doz. tins).

SOUTHALLS (BIRMINGHAM) LTD.,
Charford Mills, Saltley, Birmingham 8.





SPECIAL PARCEL

12 BOXES OF SUPPOSITORIES SENT

POST FREE!

to your address and charged through YOUR USUAL WHOLESALER

E.G. 6 Boxes of Suppos. Bism. Subgall. 6 Boxes of Suppos. Bism. Subgall. Co.

Manufactured and Packed in the Laboratories of:

RICHARD DANIEL & SON LTD.

MANSFIELD ROAD, DERBY, Tel. 40671 (8 lines) and at GROSVENOR STREET, ASHTON-U-LYNE, Tel. 2816 (3 lines).

Regularly needed by thousands of women

SOUTHON BRAND



TABLETS

FOR
PERIOD
PAINS

WILL BE BROUGHT TO THE
NOTICE OF THOUSANDS
MORE THROUGH ...

RETAIL PRICE: 1/11 per packet
of 16 tablets including tax.
TRADE PRICE: 12/8 per dozen
packets plus tax.



National Advertising

POINT-OF-SALE DISPLAY

Attractive but discreet Show-cards and Display Dispensers link your premises with the overall campaign by providing constant reminders to your women customers. Leaflets for counter distribution available on request.

NATIONAL PRESS ADVERTISING

Selected Women's Journals remind thousands of women readers all over the country that they need not suffer the discomfort of period pains.

For further details please get in touch with your C.F. Wholesaler or direct to :-

SOUTHON PRODUCTS LIMITED

88 UPPER RICHMOND ROAD · LONDON · SW15



Evan Williams

are now advertising their

COLOUR RINSES

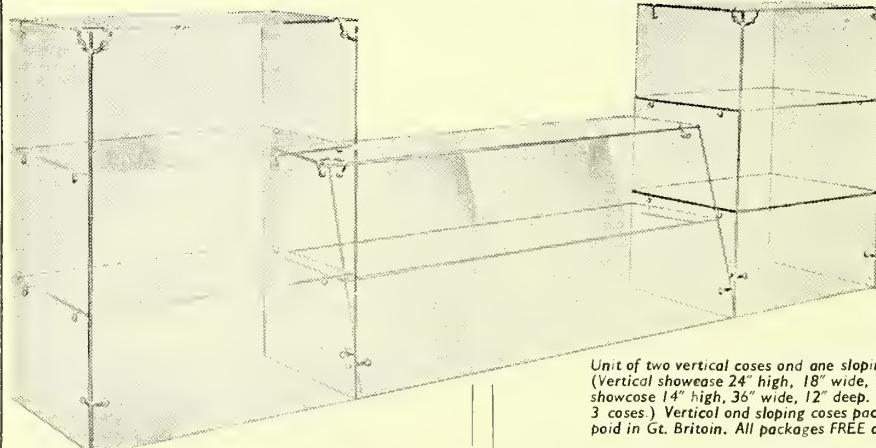
in the popular press

**MAKE SURE YOUR
STOCKS ARE ADEQUATE**

**SHOW THEM
ON YOUR COUNTER**

It's crystal clear...

The more they SEE, the more they BUY



Unit of two vertical cases and one sloping case. Price per set £12. 0. 0. (Vertical showcases 24" high, 18" wide, 12" deep. Price £4. 5. 0. Sloping showcase 14" high, 36" wide, 12" deep. Price £4. 5. 0. You save 15/- on 3 cases.) Vertical and sloping cases packed separately. All prices carriage paid in Gt. Britain. All packages FREE of charge and NON-returnable.

MARTIN'S GLASS DISPLAY CASES

LOOK INTO IT TODAY—EQUIP YOUR SHOP THE MODERN WAY! Send immediately for fully illustrated leaflet of Martin Display Cases and prices.

Name

Address

Post to: MARTIN DISPLAY (Dept. CD), 52 Market St., Watford, Herts. Tel: Watford 9287

* Special orders to customers' own requirements carried out quickly. Quantity orders on application.

NEW

A milestone in sustained action therapy

'IONEX-TABS'
WORK ROUND THE CLOCK

As a result of three years research, first reported at the recent British Pharmaceutical Conference in Dublin, (J. Pharm. Pharmacol. Nov. 1956) we are proud to announce three new sustained release tablets which utilise the principle of ION-EXCHANGE to provide 10—12 hours uninterrupted therapeutic or prophylactic effect WITH A SINGLE DOSE.

ADVANTAGES OF 'IONEX-TABS'

- 1 Uninterrupted therapeutic or prophylactic effect lasting 10—12 hours.
- 2 No peak concentrations in excess of therapeutic requirements—fewer and less severe side reactions than with ordinary and 'layered' tablets and capsules.
- 3 Convenient—no forgotten or mistimed dose.
- 4 Economy in treatment—low N.H.S. cost.

SAFETY CONTAINERS:

To prevent accidents 'IONEX-TABS' are issued in safety containers (30 tablets) which a young child cannot open.

During this month 30,000 doctors will be sent full information on these three products together with a clinical sample of 'asmapax' prophylactic tablets. Our team of medical representatives and regular announcements in the most prominent medical journals will also focus the physicians' attention on the outstanding advantages of these new 'CPL' preparations.

Wholesalers now carry stocks.

ORDER NOW

to meet prescription demands.



Detailed Price List on request
CLINICAL PRODUCTS LTD.
RICHMOND, SURREY

EVENLY SUSTAINED EPHEDRINE THERAPY

'asmapax'

FORMULA (PI.)
the equivalent of
Ephed. Hydrochlor. ... 50 mg.
(resin-bonded)
Theophylline 65 mg.
Bromvaletone 150 mg.
Mephenesin 50 mg.

24 HOURS PROPHYLAXIS IN BRONCHIAL ASTHMA
with ONE morning and ONE evening DOSE

TRADE PRICE: For dispensing 30 tablets 5/- each P.T. exempt
For dispensing 250 tablets 36/8 each P.T. exempt

EVENLY SUSTAINED DEXAMPHETAMINE THERAPY

'dexten'

FORMULA (PI. SI. S4.)
the equivalent of
Dexamphet. Sulph. 10 mg.
(resin-bonded)

ONE DOSE provides:—
ALL DAY APPETITE SUPPRESSION
ALL DAY RELIEF OF DEPRESSION AND FATIGUE

TRADE PRICE: For dispensing 30 tablets 2/6 each P.T. exempt
For dispensing 250 tablets 18/4 each P.T. exempt

EVENLY SUSTAINED DEXAMPHETAMINE THERAPY
PLUS SEDATION

'barbidex'

FORMULA (PI. SI. S4.)
'dexten' plus
Phenobarb. 65 mg.
(1 gr. approx.)

ONE DOSE provides:—
DAY-LONG APPETITE CONTROL
DAY-LONG RELIEF OF DEPRESSION
WITH PROLONGED SEDATION

TRADE PRICE: For dispensing 30 tablets 3/10 each P.T. exempt
For dispensing 250 tablets 28/- each P.T. exempt

This winter they'll want

RADIO-MALT

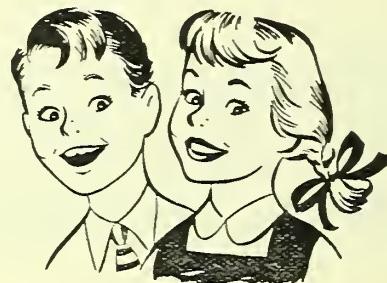
- contains vitamins A B₁ B₂ D
- toffee-flavoured—children love it
- sold through chemists only 

PACKINGS AND PRICES

	TRADE	RETAIL
1 lb. jar	2/5½d	3/6
2 lb. jar	4/4	6/3

Take advantage of our quantity terms—
to be published in B.D.H. Information

'RADIO-MALT'
TRADE MARK
for radiant health



THE BRITISH DRUG HOUSES LTD. LONDON N.I

Introducing a **NEW** and improved
THEOPHYLLINE THERAPY

SILBEPHYLLINE

SILBEPHYLLINE contains Dihydroxypropyl Theophylline which is a stable, neutral and soluble theophylline derivative. **SILBEPHYLLINE** offers a great advantage over normal theophylline treatment as it has the same therapeutic activity without any of the undesirable side effects frequently associated with theophylline.

Consequently with **SILBEPHYLLINE**:

Intramuscular injections are painless.

Tablets do not produce gastric irritation with nausea.

Suppositories do not cause proctitis.

PRICES:

AMPOULES:	Trade	Retail
Box of 6 x 2 cc.	5/8	7/7
" " 50 x 2 cc.	38/10	51/9

SUPPOSITORIES:	Trade	Retail
Box of 6	3/10	5/2
" " 50	25/11	34/6

TABLETS:	Trade	Retail
Pack of 25	3/10	5/2
" " 100	11/-	14/8
" " 500	53/10	71/9

Exempt from Purchase Tax

SILTEN LIMITED · SILTEN HOUSE · HATFIELD · HERTS

Another bright idea from Bartletts!



★
Each set
has its own
plastic pouch

Lip-brush at one end...
Eyebrow-brush at the other

and look
at the neat
packaging
idea...

The plastic dis-
play dispenser
is designed to
save your coun-
ter space and
your time. It
hangs on the
wall and you
simply tear off
the individual
pack.

- Here's a cosmetic notion that's already making the tills ring on the continent! Now Bartlett's bring it to you.
- It's a Combination Set . . . Lip-brush at one end and Eyebrow-brush at the other . . . in a smart pink and grey container.
- This is just the novelty that beauty-conscious women fall for on sight.

410
INCLUDING P.T.

★ Order this Combination Set NOW from your usual Wholesaler.

Wholesale enquiries to :—

ALFRED FRANKS & BARTLETT CO., LTD., 226/8, Grays Inn Road, London, W.C.1
Tel: TERminus 9865

**These famous products
are being advertised in
the DAILY MIRROR week
beginning Nov. 19th**

• •

*12,789,000 readers of the Daily Mirror will see these advertisements. That's one in three of all shoppers in your area.

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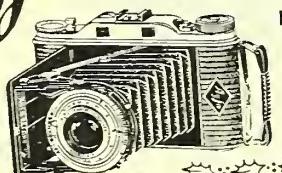
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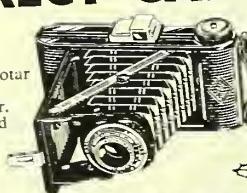
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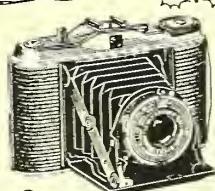
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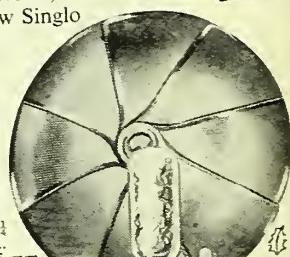
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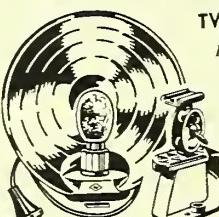
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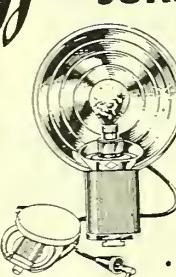
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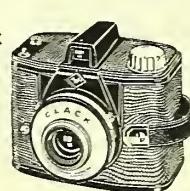
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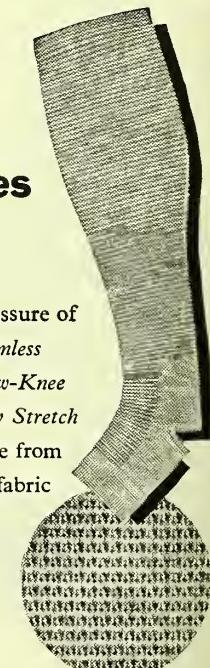
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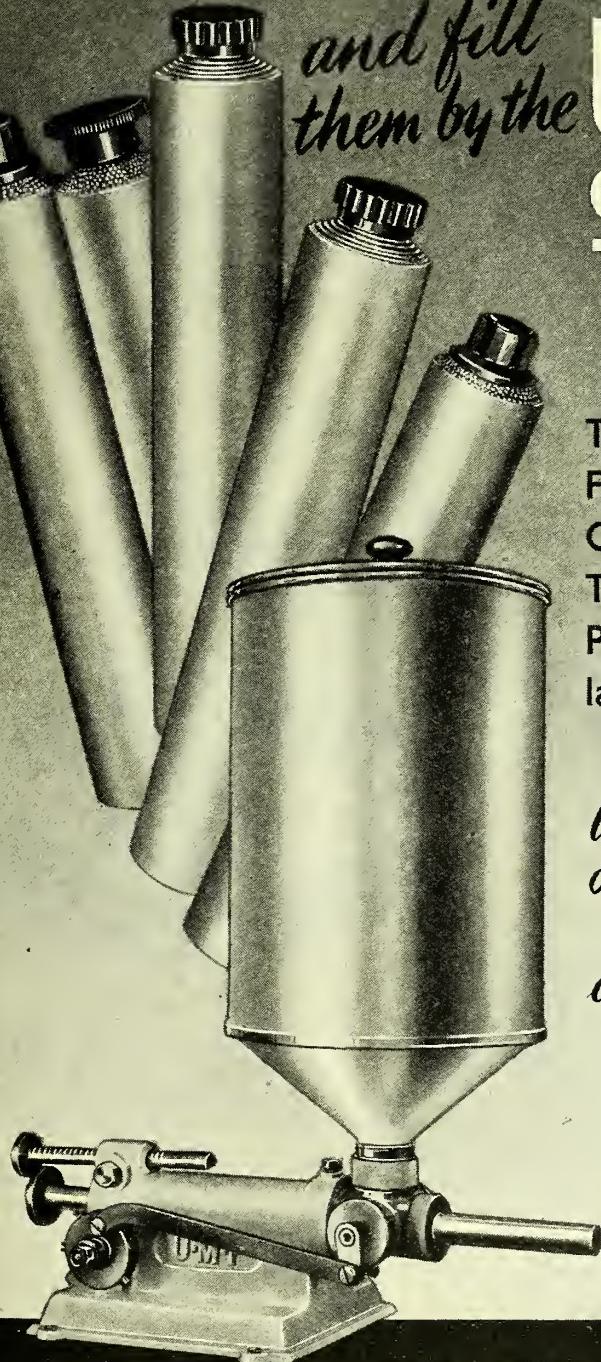
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*Official organ of the Pharmaceutical Society of Ireland
and the Pharmaceutical Society of Northern Ireland*

Volume 166 November 17, 1956 No. 4004

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The CHEMIST AND DRUGGIST

Volume 166

NOVEMBER 17, 1956

No. 4004

Birmingham Drug Analyses

PHARMACISTS AGREE TO "LIAISON" SCHEME

THE Birmingham analyst (Mr. H. H. Bagnall) announces in his report for 1955, published recently, that a "scheme of liaison" has been established between the Birmingham Pharmaceutical Association, Birmingham Health Committee and Birmingham Analytical Department.

By the terms of the scheme Mr. F. G. Stock, M.Pharm., A.R.I.C. (a member of the analytical staff with experience in retail pharmacy) is allowed to purchase specimens of any drug at any pharmacy in the city, and to have access to dispensing departments and to information regarding dates of receipt of stock and length of storage. In return the analytical department is acting as consultant on analytical questions. Reports on every drug purchased under the scheme and examined are being supplied to the pharmacists and summaries of the results are being presented from time to time in confidence to the Health Committee. Appropriate action is being taken by pharmacists following receipt of unfavourable reports.

The analyst explains that the new development follows attempts by the analyst's department in the past four or five years "to introduce some kind of rationality into the sampling of drugs." It had been suggested that a local authority was not competent to take samples of drugs like penicillin, and it had been hinted that Birmingham was exceeding its jurisdiction by presuming to encroach on preserves that were evidently regarded as extra-territorial so far as a city health department was concerned. Mr. Bagnall describes that as "nonsense" pointing out that the Food and Drugs Act allows the purchase of "any drug" without reservations regarding its importance or any special regulations governing its use. However, since it had not been proposed to institute legal proceedings in respect of any drugs purchased under the so-called "series sampling" plan, all specimens had been taken unofficially, without reference to the Act. In the case of drugs obtainable only on prescription, the necessary documents had been written by medical members of the Health Department staff and presented to pharmacists in the usual way. But that wasted the officers' time and irritated the pharmacists concerned. Tentative proposals had therefore been made to the officers of the Birmingham Pharmaceutical Association for the establishment of a liaison scheme which was finally accepted after a

general meeting of Birmingham pharmacists. The officers of the Pharmaceutical Society, who were informed of the negotiations are, Mr. Bagnall points out, "in sympathy" with the scheme.

The analyst states that the actual methods of presentation of drugs to the public will now be left to the Pharmaceutical Society, "within whose province they come."

It is hoped, says the analyst, that the new venture will ensure the supply to the public of drugs of all kinds of the best possible quality. It will be possible, he thinks, to obtain specimens of any preparation in the Pharmacopœia in large enough numbers to fol-

low the pattern of distribution, and to advise on questions of quality.

The aim was to obtain "something like 800-1,000 specimens per annum" by the method, which would involve visiting each pharmacy about three times a year. The collection of specimens began in March.

An arrangement has also been made with the local hospital management committee whereby drugs of doubtful quality or origin will be examined and reports made to the hospitals concerned.

Samples will continue to be taken of "household drugs" in the normal way.

Statutory Committee

A MEMBER OF THE SOCIETY TO APPEAR

THE Statutory Committee of the Pharmaceutical Society is meeting at 17 Bloomsbury Square, London, W.C.1, at 2.30 p.m. on November 28, to consider information and evidence from which it appears that a member of the Society has been convicted on a charge of embezzlement.

Prices of Medicines

"ESSENTIAL THAT THERE SHOULD BE NO DISTURBANCES"

"**THERE** are no separate issues between manufacturers, wholesalers and retailers. They are parts of the pharmaceutical organisation, closely associated for the welfare of the community, and for the conduct of research, ever seeking new drugs for the alleviation and cure of disease.

It follows then when medicines are offered to the public either direct or through the prescriber, they must not be the subject of trading disturbances. If the proper price for castor oil is 1s. an ounce, and some bright person decides to sell it for sixpence, that merely debases the market for the industry, bringing in its train impoverishment and inability to continue the work against disease.

I therefore welcome the Restrictive Trade Practices Act, which has finally given to the manufacturers the right to see that the prices of their products are observed by everyone, whilst leaving wide open healthy and vigorous competition between those manufacturers.

Fortunately, we have no such things as 'rings' or agreements in this industry. Throughout its many years it has always been one of the most highly competitive industries in the country, ensuring that the consumer always has the results of research at the lowest possible price."

MR. NORMAN DEWEY AT THE DIAMOND JUBILEE LUNCHEON OF THE PROPRIETARY ARTICLES TRADE ASSOCIATION IN LONDON ON NOVEMBER 8 (see p. 540)

Silicones in Cosmetics

ADDRESS TO COSMETIC CHEMISTS

THE advantages which might accrue by the use of silicones in the cosmetic industry were pointed out by MR. T. W. WATSON, B.Sc., when he addressed a meeting of the Society of Cosmetic Chemists of Great Britain recently. He invited cosmetic chemists to examine the many special properties of the silicones in the light of their own special requirements. Outlining properties which might suit them in their industry, he said that the liquids were water-white oily substances with viscosities ranging from values less than that of water to extremely viscous fluids. They had low volatility and their relatively low surface tension enabled them to spread well on the skin to form a thin invisible continuous film which was water-repellent. Thus protection could be afforded against contact with soaps and other detergents, acids, alkalis and organic solvents, and protective properties could be given to emollient creams and ointment bases. In later developments the original dimethylpolysiloxane structure had been modified, for example by introducing terminal salicyl or fatty alcohol groups which influenced solubility and other properties depending upon the number of siloxane units in the molecule. MR. R. DOBSON (president) suggested that cost must be an important factor and that only small percentages of the silicone could be employed. It would be necessary to examine the efficiency at that low level of concentration and compare it with that of the conventional materials. One promising use would be for the treatment of moulds to prevent sticking of the moulded material. Anxiety was expressed by DR. MATALON lest the application of silicones to the skin might interfere with metabolism as a result of penetration or, by blocking interfaces, interfere with the remedial action of antibiotics. MR. WATSON thought that the literature that described the silicones as innocuous would clear away that objection.

P.A.T.A. Council

NO CONTESTS IN 1957 ELECTIONS

THERE will be no contest in any of the sections for the 1957 elections of the Proprietary Articles Trade Association. The following candidates and companies have been returned unopposed:—*Retail section*: Messrs. H. R. Brown, Skipton; A. R. Cross, Enfield; C. H. Foster, London; W. T. Stoyle, Beckenham. *Wholesale section*: Barclay & Sons, Ltd., Brighton; Ferris & Co., Ltd., Bristol; May Roberts & Co., Ltd., London; Smith & Sons (Norwich), Ltd., Norwich. *Manufacturers' section*: The British Drug Houses, Ltd., London; J. Grossmith & Son, Ltd., London; Thomas Marns, Ltd., London; John Steedman & Co., London.

Uses of Isotopes

LONDON COURSES

FULL-TIME four-week courses on radioisotopes and their uses are being held at the Sir John Cass College, Jewry Street, Aldgate, London, E.C.3, com-

mencing January 14. Each course will be an introduction to the use of radioisotopes and radioactivity measuring techniques for qualified engineers, physicists, chemists, biologists and medical practitioners, who wish to use those methods in their specialised fields. Emphasis is being placed on practical work and during the course visits will be arranged to some establishments where radioisotopes are being used. The fee is £30.

Key Industry Duty

ADDITIONAL CHEMICALS EXEMPTED

THE Treasury has made an Order (published as S.I., 1956, No. 1735), exempting the following chemicals from key industry duty for the period November 12—February 18, 1957:—*o-monoChloroacetophenone*, diacetyl, dicyandiamidine phosphate, formdimethylamide, methyl vinyl ketone, the ketone content of which, calculated as methyl vinyl ketone, is not less than 90 per cent, by weight, *6-n-propyl-2-thiouracil*, tetrapotassium pyrophosphate, *2-thiouracil*, *cis - 3 : 3 : 5 - trimethylcyclohexanol* of a purity not less than 90 per cent.

Cheque Endorsement

COMMITTEE SUGGESTS LAW CHANGE

THE Committee on Cheque Endorsement, in their report published recently by H.M. Stationery Office, proposes that endorsement should no longer be necessary on a cheque being collected by a bank on behalf of a customer who is the payee, and recommends that the law should be changed to that effect. Endorsement, it is suggested, should be retained where cheques are cashed over the counter. The committee's report contains an outline of legislative provisions which would give effect to the recommendations.

A History of Quacks

FORTHCOMING LONDON LECTURE

AN illustrated lecture on "Quacks Through the Ages" is being given to the Royal Society of Arts by Dr. A. Dickson Wright (a former president, London Medical Society), at 2.30 p.m., on November 21. Sir Charles Dodds (Courtauld professor of biochemistry, London University) is presiding. Applications for tickets should be addressed to the secretary of the Society, John Adam Street, Adelphi, London, W.C.2.

Sulphuric Acid

THIRD QUARTER'S PRODUCTION FIGURES

PRODUCTION of sulphuric acid by members of the National Sulphuric Acid Association, Ltd., in the quarter ended September 30 was 515,632 tons (calculated as 100 per cent. H_2SO_4). Sales to various industries during the quarter amounted to 512,613 tons. The foregoing statistics do not include production by or sales from Government plants.

Travellers' Benevolence

ANNUAL COURT OF GOVERNORS

THE annual court of governors of the Commercial Travellers' Benevolent In-

stitution is being held at the Berners hotel, Berners Street, London, W.1, at noon on December 28. All standing candidates are being recommended by the board for election without ballot for the seventy-ninth successive time.

IRISH NEWS

Ulster Chemists

PROTEST AGAINST PROPOSED CHARGES

THE executive committee of Ulster Chemists' Association is sending "a vigorous protest" to the Local Pharmaceutical Committee against the proposed charge of one shilling per item on National Health prescriptions. That decision was made at the committee's monthly meeting in Belfast on November 6. During discussion on the subject it was stated that the charges would cause hardship to many members of the public, and many difficulties to chemists in endeavouring to collect them. Consideration was given to the Restrictive Trade Practices Act, 1956, and it was agreed that the Association's solicitor should be asked to examine the Association's position and if necessary to seek counsel's opinion. The agenda for the annual meeting which is being held on November 29 was drawn up for printing. THE SECRETARY (Miss A. E. Strachan) stated that within the next few days voting papers for the committee election would be sent to members for return on or before noon on November 27. A sub-committee report on the margin of profit allowed on tooth-pastes led to expressions of dissatisfaction at the small profit margin on some brands, and the large orders required to qualify for bonus terms. It was decided to issue a comparative list for issue to members. A letter from a local association drew attention to the proposed regulations requiring grocers and other non-chemist traders to obtain a licence for the sale of bleach. It asked the committee to keep a watching brief, as it was felt that once such licences were issued, it might lead to the issue of licences for the sale of other poisons in grocers' shops. The secretary was instructed to write to a local firm of wholesalers, requesting them to supply delivery notes with goods sent to provincial members and to speed up deliveries in certain areas. The following were elected to membership:—Messrs. M. G. Lynch, Craigy Hill, Larne; P. McGarrity, The Cross Pharmacy, Draperstown; York Street Pharmacy, 163 York Street, Belfast. An apprentice whose application had been approved by the associates' section was elected to associateship.

THE CHAIRMAN (Mr. W. S. Hall) expressed regret at the illness of Mr. Rankin, and the secretary was instructed to convey to him the best wishes of the meeting for a speedy recovery.

Also present were Misses C. B. Abernethy, C. E. Culbert, Messrs. H. S. Anderson, W. H. Boyd, J. Caldwell, H. W. Gamble, R. Gibson, T. A. Gibson, C. L. Gordon-Rattie, W. L. McDonnell, W. R. McNabb, W. J. Moffett, M. C. Mooney, James Paul, C. A. Quinn, A. Templeton. Apologies for absence were received from Messrs. N. A. J. Anderson, H. G. Campbell, R. A. McEwen, J. McGregor, W. J. Rankin (treasurer), A. Steede.

SCOTTISH NEWS**Accidental Poisoning****SCOTLAND'S HIGH INCIDENCE**

COUNCILLOR G. Hedderwick, M.P.S., said at a meeting of the Edinburgh accident prevention council on November 5 that such were the numbers of cases of the accidental poisoning of children in Scotland that he intended requesting the resident secretary of the Pharmaceutical Society in Scotland to issue a circular on the subject. Councillor Hedderwick said that, of all poisonings in Britain, more than a quarter happened in Scotland. When the World Health Organisation had published figures in 1953 Scotland had "led the world in poisoning cases."

NEWS IN BRIEF

SURGICAL sutures worth £200 have been sent through the British Red Cross to Hungary as a gift from Ethicon, Ltd., Edinburgh.

PERFUME and electric razors were among goods stolen by thieves who broke into Boots, Ltd., Thames Street, Windsor, recently.

THE chairman of the Leicester Branch of the Pharmaceutical Society is Mr. J. Owen Jones and not as previously stated.

THE official report on the censuses of production for 1952 and 1953, which includes a section on chemicals and allied trades, has been published by the Stationery Office (price 2s.).

A COPY of an account of the life of Sir Alexander Fleming, discoverer of penicillin, written by his brother, Mr. R. J. Fleming, is to be retained in the archives of Darvelburgh, Sir Alexander's birthplace.

BRITAIN'S first large heavy water reactor DIDO, built for testing materials and making radioactive isotopes, started operating at Harwell on November 7. It is the most powerful experimental reactor in Western Europe.

FULL responsibility for error in dispensing eye-drops that made six children ill at a Twickenham clinic on September 20 has been accepted by the firm which supplied the drops (see *C. & D.*, October 6, p. 374).

THE United Kingdom and Australia have agreed on the terms of a new trade pact to replace the 1932 agreement. It will be drawn up early in 1957. The U.K. import arrangements for Australian honey and lactose are unchanged.

A GRANT of \$69,000 (about £25,000) has been made by the Wellcome Trustees to the School of Medicine, University of Pennsylvania, Philadelphia, U.S.A., for the support for a period of five years of a Wellcome associate research professorship in the department of anaesthesia.

THE £50,000 needed by the Medical Research Council to set up a plant at Carshalton, Surrey, to mass-produce poliomyelitis virus has been given by the National Fund for Polio Research. The purpose of the plant is to speed up the development of a new poliomyelitis vaccine.

TOPICAL REFLECTIONS

By Xrayser

The Vitamins

Your comprehensive articles on the vitamins and vitamin therapy (p. 517 *et seq.*) call to mind the nonagenarian who, when vitamins were first becoming popular, asked what they were. And being told, he replied that he had got on without them pretty well up to that time and he did not purpose doing anything about it. Dr. Bett's article indicates that the treatment of scurvy by means of fruit juices goes back a long way, and in a work published exactly 100 years ago I came on the following: "From what we ourselves have seen of scurvy, or learned from the writings of authors, we believe that fresh esculent vegetables of all kinds will cure it; but that those fruits abounding with an acid, such as the citric class, are more effectual than others. Most vegetables possess in their recent state a portion of acid, though so small as not always to be perceived, and in proportion as it abounds in them and perceptible to our taste, they have a superior antiscorbutic quality. The lemon, lime, shaddock and orange, in the order we have set down, give out the acid." The reasons were obscure, but the authors had obviously studied the effects. Though apples and gooseberries are also mentioned, no experiments appear to have been tried with rose-hips. I must confess that the shaddock was new to me, but I learn it is an Oriental citrus fruit like a very large orange which was introduced about 1700 to the West Indies by Captain Shaddock. The name is almost too good to be true. It should have come from the fertile brain of Charles Dickens.

Protection of the Public

The report of the county analyst for Lancashire is of the greatest interest to pharmacists, for any one of us may find himself, even with the most careful storage, in the position of supplying some product not of the nature and substance demanded. That is particularly the case when the drug being analysed is one which, for a variety of reasons, is not now in common demand. It may be that the Lancashire area, unlike some others, is partial to ammoniated tincture of quinine. In my own pharmacy the adherents of that obnoxious beverage have steadily declined until there are not more than two or three who maintain a constant and martyred faith in its efficacy. It may be wondered, therefore, if the "tincture" is quite a suitable subject for testing, even allowing for the fact that a stubborn minority is entitled to consideration and protection. The much more recent lozenge of penicillin is now almost entirely supplanted by more modern discoveries, and nowadays a prescription calling for penicillin lozenges occasions remark. It is not related whether the vendors were in any way penalised, though the report (p. 504) does suggest that the action taken was a request to withdraw the remainder of the stock. If that is all that is done, then the analyst is doing a most useful job for both public and vendor.

The Conference

It is impossible to be other than sympathetic with those on whom the responsibility devolved of discussing (p. 506) the problems of the Ministry's offer. It was to be expected that the Chancellor's shilling-per-item statement would bedevil the assessment of the value of what was offered, and the strongest guidance was necessary from the platform to keep first things first. It may be that it is not for pharmacy to protest too strongly over the Chancellor's proposals—of that I am not sure—but on humanitarian grounds, as citizens with a unique knowledge of the hardships of the sick poor, it would be wrong to accept the situation without protest. In direct opposition to the scheme, representatives should insist on a very high price being paid for the extra work which is to be put on contractors. A most careful survey of prescribing habits will also have to be made, and if it is found that the whole structure of dispensing fees is to be upset by the prescribing of large quantities, the strongest action will have to be taken. Remuneration is related to frequency.

Diamond Jubilee and Rebirth

P.A.T.A. CELEBRATES SIXTIETH BIRTHDAY AND ADOPTS NEW RULES

VIRILE at sixty years of age, the Proprietary Articles Trade Association has taken on a new lease of life. A new constitution and rules, adopted by the Council on October 11, were ratified by a general meeting of members on November 8. On the same day a sixtieth-birthday celebration was held in London.

Toasts to the Association

At the luncheon the RT. HON. ERNEST BROWN, C.H., M.C., proposed a toast to the Association "in which he paid tribute to 'the man who did more than anything to found the Association': Sir William Glyn-Jones, a man of great knowledge, persistence, aptitude for dealing with men and women, and of culture. The Association, said Mr. Brown, had done remarkable work in the past sixty years. Now there was a new Act. In altering the constitution and rules to meet it the Association was fortunate in having as its president Mr. Norman Dewey, who had behind him a great tradition of knowledge of his own industry, and as secretary Mr. Harry Chapman, a great servant of the Association for thirty years.

Responses to the toast were given by MR. NORMAN DEWEY (president) and MR. H. E. CHAPMAN (secretary). Mr. Dewey's remarks are prominently given on p. 537.

MR. H. E. CHAPMAN said that when, ten years previously, the Association had celebrated its Golden Jubilee, he had been privileged, as that day, to have his name joined with that of the president in the response to the toast "The Association." He greatly appreciated that gracious gesture on the part of the president and Council. He had now served under thirty-one presidents, which was in itself a sign of the Association's maturity. Soon after its Golden Jubilee the Association had become engaged in an almost continuous fight to preserve its system of fair trad-

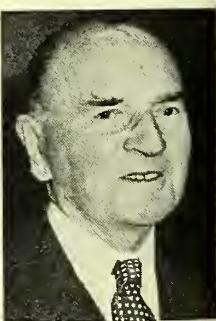


At the Diamond Jubilee luncheon the guests on arrival were received by the president (Mr. Norman Dewey) and secretary (Mr. H. E. Chapman). They are here seen greeting Mr. J. F. Boucher (Ferris & Co., Ltd., Bristol).

ing and the very principle of price-maintenance. It had been a hard fight, but the outcome was that statutory recognition of the principle had been achieved, and for the first time manufacturers had the right to enforce their price-protection conditions in the courts, and the Association had the right to help them to do so. That that protection had been conceded by Parliament was due in no small measure to the educational campaign waged unremittingly by the Association and kindred bodies in and outside the pharmaceutical industry. He felt convinced that the Association had done a good job of work in adapting itself to the changed conditions, and saw no reason why it should not serve as useful and valuable a purpose to its members, trade and industry in the years ahead.

A toast to the guests was proposed by MR. N. C. JEFFERY (chairman, manu-

facturers' section) and responded to by LORD DOVERCOURT, who, in acknowledging the references which Mr. Chapman and Mr. Jeffery had made to what he had been able to do in the House of Lords, described what happened there. When the Bill came to the House it did not clearly show what members of the Association and others had the right to do with regard to price maintenance. On the report stage in the House of Commons an amendment had been put down—drafted, he believed, by Sir Lionel Heald, the former Attorney General—to try and make the matter clear. The amendment had not been selected. The question that he (Lord Dovercourt) had put down in the House of Lords was the exact amendment that had been put down by Sir Lionel Heald and others in the Commons. To his delight the Lord Chancellor himself replied, giving such a satisfactory answer that Lord Dovercourt asked leave to withdraw the amendment.



Lord Dovercourt.

New Rules Adopted

At the Council meeting at which the new constitution and rules were adopted, THE PRESIDENT (Mr. Norman Dewey) said:—"Just over twenty-five years ago the Council of the P.A.T.A. adopted a constitution and rules designed to meet the difficult circumstances then existing. The rules, framed under the guidance of eminent lawyers, enabled the Association to protect and safeguard the interests of its manufacturer, wholesale and retail members—and the consumer. The Re-



Mr. Ernest Brown, Lord Dovercourt and Mr. P. G. Hunt.

strictive Trade Practices Act has brought about the cancellation of those provisions of the 1932 Rules which empowered the Association to implement its policy by collective action. It has given manufacturers something never enjoyed by the Association itself: the statutory right to enforce resale conditions through the courts.

Under the constitution and rules we are now adopting, proprietary manufacturers can as individuals enforce their price conditions and can also call on the P.A.T.A. to assist them in so doing. Retail members can rest assured that neither the manufacturers nor the P.A.T.A. will neglect their interests."

Mr. Dewey then formally moved a resolution to annul the existing constitution and rules and all agreements between the Association and manufacturers, wholesalers and retailers, and to substitute the new constitution and rules.

The motion was seconded by Mr. N. C. Jeffery (chairman, manufacturers' section) and supported by Mr. H. G. Moss (chairman, Retail Section). Mr. Moss, as a member of the National Pharmaceutical Union Executive, said that that Executive, on behalf of the 11,000 or so individually owned pharmacies it represented, would expect manufacturers to use to the full the powers now given to them for the purpose of maintaining their retail prices. He asked manufacturers to utilise the remedy now available to them.

The motion was adopted by a unanimous vote.

Among rules that have principally to do with membership and routine matters of procedure rule 31 stands out as crucial:—

The Council or any subcommittee duly appointed by the Council may, in any case where a member is or may be involved in legal proceedings relating to matters of common interest to members, authorise assistance (financial or otherwise) to be given by the officers, servants or agents of the Association in connection with such proceedings.

Other provisions affect the Association's price list. No longer will it be a "protected" list but it will record the price determined by a manufacturer member for his product and will indicate "the conditions as to resale prices (if any) as may from time to time at-

tach to such articles and any other relevant information." The Association may, if he wishes, issue the list to non-members as well as to members.

Ratification

A general meeting attended by about 120 members of the manufacturers', wholesale and retail sections was held in the afternoon of November 8. The president (Mr. Norman Dewey) was in the chair, supported by the chairman of the manufacturers' section and vice-president (Mr. N. C. Jeffery), the other vice-presidents (Messrs. H. G. Moss (retail) and L. D. Smith (wholesale)), Mr. R. G. Dyas (treasurer) and other members of the Council; the secretary (Mr. H. E. Chapman) and the assistant secretary (Mr. D. W. Payn). Mr. J. S. Gwatkin (McKenna & Co., solicitors) was in attendance.

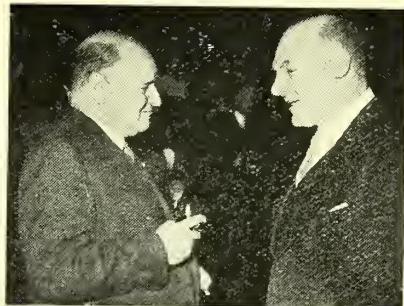
THE PRESIDENT quoted the revised objects of the Association, as set out in the new constitution and rules, and moved:—

That this general meeting of members of the P.A.T.A. hereby endorses the following resolution, accepted by the Council at its meeting on October 11th, 1956: "That the Council of the Proprietary Articles Trade Association, in the exercise of the powers conferred upon it under the Constitution and Rules of the Association and of all other powers enabling it in that behalf, hereby resolves that, as from November 1st, 1956, the Constitution and Rules for the governing of the Association shall be as follows, and that, as from that date, the existing Constitution and Rules and all agreements between the Association and manufacturers, wholesalers and retailers be annulled and terminated."

The motion was seconded by Mr. H. Northover, and a discussion followed. Points of interest were dealt with by the president, secretary or solicitor, and adoption of the resolution was subsequently unanimously confirmed.

Speakers at Council Luncheon

THE quarterly luncheon of the Council of the Association on October 11 was made the occasion for speeches by private and "company" chemists expressing the hope that manufacturers of proprietary goods would make good use of the price-protection facilities



Top to bottom, Mr. J. J. Yardley and Sir Wavell Wakefield; Mr. Leslie Smith (Sangers, Ltd.) and Mr. Alan Duckworth (secretary, Association of British Pharmaceutical Industry); Mr. W. F. Redfern and Mr. F. W. Adams (registrar, Pharmaceutical Society); and Messrs. M. Houdlet and W. R. Bowden (Horlicks, Ltd.).

available under the new legislation and would seek the co-operation of the P.A.T.A. in doing so.

The guests of the president (Mr. N. Dewey) included Messrs. C. W. Mapleton, F.P.S. (Allen & Hanburys, Ltd.), S. W. Day (Boots Pure Drug Co., Ltd.), and F. G. Davis, M.P.S., New Malden, Dr. Harold Davis, C.B.E., F.P.S. (chief pharmacist, Ministry of Health), and Mr. H. N. Bream, F.P.S. (Dalmas, Ltd.).

MR. MAPLETHORPE said that the company he was associated with (Allen & Hanburys, Ltd.) was one of the founder-members of the Association and, except for a brief interlude, had remained in membership up to the present time. My company would like to present to the Council a badge of office which future presidents could wear on official occasions (at the Council meeting later Mr. Maplethorpe's offer was accepted with gratitude and appreciation).

MR. DAY (on behalf of the board of his company) said that, when representatives of Messrs. Boots had given evi-



Mr. D. W. Hudson, Hove; Mr. Allen Aldington (chairman, National Pharmaceutical Union) and Mr. H. G. Moss (chairman, retail section, P.A.T.A.).

VITAMINS LIMITED

Cost of Drugs only 5 p.c. of Health Service Bill

AT the Annual General Meeting of Vitamins Ltd., held in London in September, the Chairman, Mr. H. C. H. Graves drew attention to the misleading impression in existence concerning the cost of drugs to the National Health Service.

The Shareholders—and 99.99 per cent of the electorate of this country—had been led, he said, to believe by those who, in his opinion, should know better, that if the National Health Service foundered on the financial rocks, it would be due to the "high cost of drugs". Such a statement or impression was the reverse of the truth. Of the total cost of the National Health Service the cost of the medicines which it used accounted for 5 per cent—the other 95 per cent was made up of other costs including administration. The 1955/6 estimates alone showed an increase of £41,000,000 in the "other" costs, a sum greater than the whole of the drug bill for the year. The concentration of public attention on the 5 per cent, however, had undoubtedly served as a most effective diversionary effort or smoke screen to obscure criticism of the other 95 per cent of the expenditure.

During the past financial year sales of Bemax had set a new record in excess of anything achieved in the post war era. It was no doubt a tribute to the marked effect on health of regular Bemax that the product was so well known throughout the length and breadth of the land and indeed in most parts of the civilized world. Many complaints were heard these days of a feeling of frustration, or of undue fatigue or of being under par. We heard of listless children, of infants who did not grow as quickly as they should. The National Health Service treated them and us when we were ill but what about when we were not ill but below par? It was that twilight stage, that stage of betwixt and between, which most dramatically benefited from the steady use of Bemax. How different many of the frustrated and listless would be on Bemax.

The report and accounts were adopted.



VITAMINS LIMITED • UPPER MALL • LONDON W.6

VITAVEL SYRUP

Vitavel Syrup is a preparation containing the four principal vitamins—A, B₁, C & D—in an orange juice base with liquid glucose added. There is no smell or taste of fish oils.



VITAMINS

PREGNAVITE

Here, in a simple preparation, are the vitamins and minerals needed in higher concentration during pregnancy—the potency of each bearing a definite relation to the daily need.



FROM

THE B-COMPLEX

BEFORTISS • BECOVITE • OROVITE

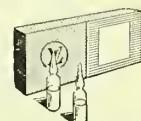
Three preparations containing the most important factors of the B-complex in three levels of concentration for conditions ranging from mild debility to serious vitamin deficiency.



VITAMINS LIMITED

PARENTROVITE

An injectable preparation combining massive doses of the vitamin B-complex and vitamin C for the treatment of delirium, coma and psychosis from drugs and toxic infections.



dence before the Monopolies Commission, they had asserted their belief that the practice of retail price maintenance served the best interests of the public, of manufacturers and of retailers, and had affirmed that the P.A.T.A. provided the best, easiest and quickest means of ensuring retail price maintenance. They were glad that the Government accepted the right of any proprietor to fix the retail prices of his own goods, but also gave him the new right to enforce in the courts the contractual obligation of retailers to sell them at the fixed prices notified to them. They hoped that all proprietors who had fixed the resale prices of their goods would not only continue to do so, but would use the means provided in the Act to restrain those who sold such goods to the public at either more or less than the fixed prices. The P.A.T.A. as reconstituted offered excellent facilities to every proprietor member to take action.

"My company," said Mr. Day, "will not cut prices of goods to which conditions of resale prices are attached. We must, however, retain the right to take appropriate action if and when

COMPANY NEWS

Previous year's figures in parentheses

WILLOWS FRANCIS, LTD.—Net profit for year ended June 30 is £31,891 (£38,036), after tax of £36,833 (£41,339). Dividend is unchanged at 17½ per cent. Subject to continuance of present trading conditions the board considers prospects encouraging for current year.

FISONS, LTD.—The review by the chairman (Mr. F. G. C. Fison) circulated with the accounts for the year ended June 30, deals separately with each company of the group. Of Whiffen & Sons, Ltd., the review states that sales of industrial chemicals again showed a marked increase both in the home and export markets. The demand for derivatives of hydrazine was stimulated by their acceptance as a de-oxygenator in high-pressure boiler installations and in the rubber and plastic industries. Another important application is in the veterinary field for preventing fowl typhoid whilst yet another provides the basic material for a new flux for soldering aluminium. Intense competition "particularly from East Germany and other Russian territories" caused reduced profit margins in pharmaceutical chemicals such as bromides, iodides, theobromine and caffeine and affected Whiffen's profits. Plans for the manufacture of emetine in India have been completed. Bengers, Ltd., have achieved increased sales profits. One of the company's products will shortly be available in the United States, satisfactory licensing and supply agreements having been concluded with an American company. Genatosan, Ltd., also had a successful year particularly with Sanatogen, sales of which reached the £1-million-a-year mark. For accounts see *C. & D.*, November 3, p. 483.

New Companies

P.C. = Private Company; R.O. = Registered Office

HASOBURN, LTD. (P.C.)—Capital £100. To carry on the business of wholesale and retail chemists, etc. Subscribers: Jean Herbert and Thomas A.

any proprietor either does not attach to his goods conditions of resale prices or makes no effective attempt to enforce such conditions in accordance with Section 25 of the Act."

A written message on similar lines from Mr. S. R. Dawson (Timothy Whites & Taylors, Ltd.), who was absent for health reasons, was read by the SECRETARY.

MR. F. G. DAVIS, as a private retail chemist, congratulated the P.A.T.A. on the satisfactory position it had reached. He hoped all manufacturers would continue their membership and support of the Association, and would call upon its help in enforcing their price-maintenance policy.

DR. H. DAVIS, recently back from a visit to the Gold Coast, said that in that country he had never once seen the price of a proprietary article mentioned in the Press. The reason he soon discovered. In the large markets chemists undercut considerably, but up in the sparser territories the tablet that might cost a penny in Accra might be sold at about a shilling. Thus the consumer could suffer considerably from the absence of price maintenance.

COMPANY NEWS

Herbert. The first directors are to be appointed by the subscribers. R.O.: 156 Strand, London, W.C.2.

HOECHST PHARMACEUTICALS, LTD. (P.C.)—Capital £10,000. To carry on the business of manufacturers of and dealers in drugs, medicines, etc. Solicitors: Iliffe Sweet & Co., 2 Bedford Row, London, W.C.1.

J. J. McMAHON, LTD. (P.C.)—Capital £4,000. To carry on the business of wholesale and retail chemists and druggists, etc. Directors: Joseph J. McMahon, M.P.S., James Sherlock, Francis P. Sherlock. R.O.: 5 Higham Place, Newcastle-on-Tyne.

KNOX ORGANISATION (HOVE), LTD. (P.C.)—Capital £5,000. To carry on the business of retailers, wholesalers, distributors of medicines, drugs and goods of all kinds, etc. Directors: Norman Knox, Lillia S. Knox and Keith Knox, 160 Portland Road, Hove.

HESKETH & WALKER, LTD. (P.C.)—Capital £2,000. To carry on the business of manufacturing and retail chemists and druggists, etc. Directors: John C. S. Walker, M.P.S., Gerard P. Keating, M.P.S., George S. Boydell, M.P.S., and John F. Hesketh, M.P.S. R.O.: 195 Altway, Aintree, Liverpool.

THOMPSON (CHEMISTS), LTD. (P.C.)—Capital £2,000. To acquire the business of a chemist carried on by Charles M. Thompson, M.P.S., Birtley, co. Durham. Directors: Cecil W. Duffie, Elsie M. Duffie, William F. Trueman, M.P.S., and Sheila Trueman, R.O.: 2 Imperial Buildings, Durham Road, Birtley, co. Durham.

ANALYTICAL SUPPLIES, LTD. (P.C.)—Capital £2,000. To carry on the business of manufacturers of and dealers in laboratory apparatus, equipment, etc. Directors: Geoffrey Key, Ernest Haddon, M.P.S., and Norman M. Holmes, M.P.S. Directors: Richard Daniel & Son, Ltd.). R.O.: 200 Mansfield Road, Derby.

COLICLEAN, LTD. (P.C.)—Capital £100. To carry on the business of manufacturers of and dealers in chemical, pharmaceutical, medicinal and other preparations, etc. Subscribers: Stanley A. Schiff and Ross H. Allen. The first directors are to be appointed by the subscribers. R.O.: 31 King's Road, London, S.W.3.

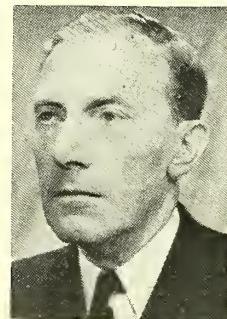
NETTESWELL PHARMACY, LTD. (P.C.)—Capital £3,000. To carry on the business of chemists, druggists and librarians, etc. Directors: Charlotte S. Abrahams, Desmond K. Curran, Sabina Blake, Frieda M. Farthing and Margaret Riedl, M.P.S. R.O.: Gloucester Mansions, Cambridge Circus, London, W.C.2.

DESCO PHARMACEUTICAL, LTD. (P.C.)—Capital £100. To carry on the business of chemists, druggists, etc. Directors: William A. Chaplin (director, Davies Chemists (Thurrock), Ltd.); Eric P. L. Draper, (director, Graysbridge Pharmacy, Ltd.); Derek Edwards, M.P.S., and Irvine B. Sohn, M.P.S. R.O.: 65A High Street, Brentwood, Essex.

D. L. WALTERS, LTD. (P.C.)—Capital £100. To acquire the business at 192 Fulham Road, London, S.W.10; and to carry on the business of wholesale and retail and manufacturing chemists, druggists, etc. Subscribers: Lena Winograd and Claude E. Lipman, M.P.S. Roger Winograd, M.P.S. (director, W. Redpath & Son, Ltd.), is the first director.

BUSINESS CHANGES

W. J. BUSH & CO., LTD., Ash Grove, Hackney, London, E.8, have appointed Mr. Gerald Buckingham their home sales manager. Mr. Buckingham joined the company in February 1946 and has represented them since 1947 in London and the Home Counties.



MR. W. TALVAN REES, M.P.S., has opened a branch pharmacy in Prestbury, Cheltenham.

R. W. DUCK & SON, LTD., have modernised their pharmacy in St. John's Square, Cardiff, the entrance being now at number 11.

Appointments

REXALL DRUG CO., LTD., Loughborough, Leics, have appointed Mr. Jack Britton, M.P.S., their sales manager.

ORTHO PHARMACEUTICAL, LTD., High Wycombe, Bucks, have appointed Mr. Lionel Lambe their medical representative for Northern Ireland.

CLINICAL PRODUCTS, LTD., Richmond, Surrey, have appointed Mr. S. A. Mumford manager of their export department and Mr. H. Timmington, B.Pharm., F.P.S., B.Sc., A.R.I.C., their chief chemist.

MARRIAGE

ELLIOTT—VERNON.—At Doncaster register office on November 5, Sebastian Gerard Elliott, M.P.S., 111 Higher Hillgate, Stockport, to Alice Vernon, Manor Drive, Doncaster.

DEATHS

BENAISON.—On August 30, Mr. Isaac Benazon, M.P.S., 14 King's Court, Forty Lane, Wembley Park, Middlesex. Mr. Benazon qualified in 1921.

GRAINGER.—In August, Mr. George William Henry Pugh Grainger, M.P.S., Alexandra Road, Paynters Lane End, Redruth, Cornwall. Mr. Grainger qualified in 1904.

DEBAT.—Recently, Dr. François Debat, who was the founder of Innoxa (England) Ltd. Dr. Debat was formerly chief of dermatological research at St. Antoine hospital, Paris. He was responsible for formulating Messrs. Innoxa's first products.

JONES.—On November 3, Mr. Reginald Aubrey Jones, M.P.S., 62 Barn Lane, King's Heath, Birmingham, 14, aged sixty-two. Mr. Jones represented Eli Lilly & Co., Ltd., for twelve years. Later he was manager of pharmacies in Birmingham.

PRIESTLEY.—On November 1, Mr. Handel Priestley, M.P.S., 14 Kirkham Road, Great Horton, Bradford 7, aged sixty-one.

ROSS.—On November 2, Mr. John Pitkethly Ross, M.P.S., 5 Rydon Avenue, Kingsteignton, nr. Newton Abbot, Devon. Mr. Ross qualified in 1902.

SHIRREFFS.—On November 5, Mr. Alexander Shirreffs, M.P.S., 9 Grove Park Road, Chiswick, London, W.4. Mr. Shirreffs qualified in 1920.

LEGAL REPORTS

Unauthorised Possession

AT Bournemouth magistrates' court, recently, Maria Toyne, Boscombe, was fined £5, with £5 5s. advocate's fee, for having in her possession Heptalgin tablets when not authorised to possess them. It was stated that she had been treated by two doctors at about the same time and had not told either of them she was getting pain-relieving drugs from anyone else, as she should have done under the Dangerous Drugs Regulations. Dr. A. L. Horetzky, Bournemouth, said defendant had been a private patient of his since 1951. Had he known another doctor had prescribed Heptalgin tablets for her during that period he would have asked her if she had any of the drug left. Dr. I. H. Jenkins, Boscombe, said defendant had been a patient of his under the National Health scheme from 1949 until August 1956. In January and July he prescribed Heptalgin for her. He would not have done so had he known she had been prescribed for by another doctor. Heptalgin was one of the less potent drugs of the analgesic type.

Prescription Forgery Admitted

AT Croydon, Surrey, magistrates' court, recently, Mrs. N. J. Adams, Kenley, pleaded guilty to demanding

dexedrine tablets with a forged prescription, and asked for four other similar offences to be taken into consideration. A detective-sergeant said that Mrs. Adams went to the pharmacy of Mr. A. F. Reary, Brighton Road, Croydon, and handed in a prescription for fifty dexedrine tablets purporting to have been signed by a Dr. Rawson. Not liking the prescription, the chemist made inquiries and found that there was no such practitioner on the register. He (the detective-sergeant) was in the shop at the time and questioned Mrs. Adams, who admitted she had signed the prescription herself. In a written statement she said she was a State-registered nurse who gave up nursing when she married. In her nursing days she now and again took dexedrine tablets and recently again began taking one whenever she felt exceptionally tired. She tried to get some at a chemist's but was told she could not have them without a prescription. She found an old prescription, which she copied. "In all, over the past twelve months, I have forged about five prescriptions for dexedrine tablets," she wrote. Mr. Adams said that it had come as a surprise to him to learn that his wife had been taking the tablets. Since the birth of their second child her health had caused him concern. She was now under a doctor and he had seen an improvement in her health. Mrs. Adams was given a conditional discharge on payment of 15s. costs.

INQUESTS

Six Drugs Found in Stomach. — A pathologist said at an inquest at Shrewsbury on November 2 on Miss A. E. Judge that six different drugs had been found in her stomach. Miss Judge, who died on October 15, had been treated for depression during the last six

months. The prescriber said that Miss Judge had been nursing her sister, who was ill with a serious complaint, and kept repeating that she had let her sister down by allowing her to go into hospital. Though she was very depressed she had not given him the impression that she would take her own life. The coroner recorded a verdict of "Suicide while the balance of her mind was disturbed."

Lysol by Mistake. — At an inquest at Peterborough Memorial Hospital on October 29 on Miss A. E. Hardy, aged ninety-six, St. John's Hospital, Peterborough, who had died after having been given a dose of lysol in mistake for bronchitis medicine, the coroner commented on the fact that the lysol bottle was regularly kept in the medicine cupboard at the hospital. The hospital matron told the coroner that the lysol was supplied in a bottle of the same colour as the bronchitis medicine. It was in a plain and not a ribbed bottle. Recording a verdict of "Death by misadventure," the coroner said it was no part of his duty to blame anyone.

Sleeping-tablet Suicide. — At an inquest at Shrewsbury, recently, the coroner recorded a verdict of "Suicide while the balance of mind was disturbed" on a Wellington, Salop, woman who was found unconscious in bed at her home. The coroner said he thought the woman, Mrs. H. R. Kendrick, had taken an overdose of sleeping tablets because she was depressed and in poor health. A police constable said he found in the bedroom two empty boxes which had contained sleeping tablets. They had been prescribed by Mrs. Kendrick's doctor and had contained Nembutal. A pathologist said death was caused by poisoning by Nembutal tablets and carbon monoxide.

IN PARLIAMENT

BY A MEMBER OF THE PRESS GALLERY, HOUSE OF COMMONS

MR. AUBREY JONES (Minister of Fuel and Power) announced in the House of Commons on November 7 a 10 per cent. cut in the supply of motor fuels, to apply to all deliveries except to police, fire, hospital and ambulance services and public transport. Supplies to garages would be cut by 10 per cent., but they would be asked to keep a small supply in reserve for doctors, nurses and midwives. Deliveries of fuel oil, diesel oil and gas oil are already being cut by 10 per cent.

Polioomyelitis Vaccination

MR. R. H. TURTON (Minister of Health) told MR. SOMERVILLE HASTINGS, on November 12, that polioomyelitis vaccination was being resumed in December for those children who had already had one injection and in January for others.

The Prescription Charge

MR. R. H. TURTON told MR. V. J. COLLINS, on November 12, that he would see whether persons could claim National Assistance refund for articles costing less than a shilling.

MR. R. H. TURTON (Minister of Health) told MR. S. S. AUBREY in a

written answer on November 12, that the quantity of medicine prescribed was a matter for the doctor's decision. The prescription charge would be made for each quantity prescribed at any one time, even if it were dispensed in more than one container.

American Drugs in the Health Service

MR. R. F. CROUCH asked the Minister of Health, on November 12, if he was aware of a popular idea that most of the more expensive new type drugs came from America, or were made in Britain under American licences. Could something be done to ensure that "British druggists and not United States druggists" got the benefit of the National Health Service? MISS P. HORNSBY-SMITH (Parliamentary Secretary to the Ministry of Health) replied that there was no way of finding out how many new drugs were of U.S. origin. She thought that Mr. Crouch's estimate of the proportions was "unnecessarily gloomy." She assured him that the British drug houses were much bigger contributors than he thought. Her Department was consulted by the Board of Trade before dollar licences were granted for imports.

OPPOSITION TO NEW PRESCRIPTION CHARGE

Action taken by branches and by Scottish Committee

A JOINT meeting of the Ilford, Barking and West Essex, the West Ham, and the Walthamstow Branches of the National Pharmaceutical Union, held on November 7 expressed strong dissatisfaction at the apparent lack of effective action on the part of the N.P.U. to combat the introduction of the scheme for increased prescription levies. The meeting considered that the proper course of action to follow at this stage was

- (1) A demand should be made to the Government that any change in the levy scheme be postponed for three months.
- (2) That if such postponement is agreed, the period should be used by the N.P.U. and associated bodies to provide suitable alternatives to effect reductions in the total drug bill, equivalent to or greater than the saving which the intended levy increases are designed to produce.
- (3) That if the Government refuses postponement, chemist contractors refuse to collect, after November 30 any levy in excess of that currently operative.

All chemist contractors in England and Wales who agree with the course of action outlined above, and are prepared to give an undertaking consistent with (3) are asked to write at once to the National Pharmaceutical Union, 4 Queen Square, London, W.C.1.

Scottish Committee

The Pharmaceutical Standing Committee (Scotland) has issued the following statement:—

The Committee considered the Government's proposals to increase the prescription charges immediately the proposals became known. The Committee thinks that a straightforward increase in the amount charged per form would not only be preferable administratively but would lessen the burden on the chronic sick. The proposal to levy the charge on an item basis would create many difficulties for the chemist contractor, of which not the least would be tendency towards friction in the doctor-chemist-patient relationship. The chemist contractor might be involved in not carrying out the instructions of the prescriber when it became known that one or more of the items on the form cost less than the shilling charge and when the patient wished to buy the items rather than to pay the charges.

In spite of information which would be given to chemist contractors on the definition of an item there would, in many cases, be some difficulty in deciding the proper charge for a form, and the chemist contractor would wish to be assured that the value of the charges in his unpriced prescription forms had been correctly assessed by the pricing bureau.

The Standing Committee is also greatly concerned about the apparent increase in the use of doctors' stock order forms in Scotland and fears that that tendency may further develop as a result of the new charges.

The losses to the contractor, through uncollected shillings would be increased and an adjustment of the allowances for those losses would have to be made. Should the new charges result in a tendency for doctors to order increased quantities of medicines the container allowance would also have to be reconsidered.

The Committee is aware of many other difficulties arising from the proposed charges and has submitted to the Department of Health for Scotland detailed observations on them.

Stafford

Strong criticism of the proposed new prescription charge was made at a special meeting of Stafford Branch of the Pharmaceutical Society recently. A resolution sent to the N.P.U., the Pharmaceutical Society and three local Members of Parliament was unanimously approved. It read:—

"That this branch of the Pharmaceutical Society condemns all levies particularly the shilling per item on prescriptions. It will mean hardship to the section of the people least able to afford it and will act to the detriment of National Health Service dispensing in the country."

MR. BARRETT WELLS (chairman) said the proposed charges were going to hit chemists hard and reduce the number of items. He criticised the suggestions that there should be no publicity in the Press concerning the chemists' views and said he could see no objection to such measures. MR. J. BLACK (secretary), said he could not understand why the resentment of chemists should be

hidden away. It was no good stifling criticism of the proposals. He added: "Our representatives have lost the lead in negotiations."

ALDERMAN MILO TURNER, said he thought the proposed charges were oppressive because they were making the people pay who could least afford it at the time when they were ill. He did not see, if the Government wanted more, why they did not put extra on the insurance stamps.

"The Times" Objects

The Times newspaper dated November 12 carried a leading article which said that the Government's choice of method [on prescription charges] needed some strong justification, for there were several other ways of securing the same financial saving without incurring those difficulties [the difficulties were outlined earlier in the article and included the shift of a great part of the increase on to groups of patients badly placed to meet it; and the fact that for anyone slightly less poor than those receiving national assistance, reimbursement involved trouble, repeated possibly at frequent intervals out of all proportion to the sum involved]. The article goes on to suggest that the simplest way of securing the same financial saving would be to put the charge up to 1s. 9d. a prescription for everyone; or even to 2s., with exemption (as in Germany) for patients whose ill-health was prolonged or chronic. Alternatively the weekly National Insurance contribution should be increased by a penny or two-pence.

BRANCH AND ASSOCIATION MEETINGS

LIVERPOOL

Outline of Cortisone Therapy

CORTICOSTEROIDS were the subject of a lecture given by Dr. A. M. Brunton (director of medical services, Pfizer, Ltd.), to Liverpool Chemists' Association and Branch of the Pharmaceutical Society on October 31. Dr. Brunton referred to the complexity of the subject, the vast field of steroid therapy in general, and the recent development of new compounds, particularly prednisone (a cortisone derivative) and prednisolone (a hydrocortisone derivative). The lecture was followed by the showing of two films, "Nephrosis in Children" and "Dynamics of the Tubercler." Mr. B. M. Kelly presided and a vote of thanks to the speaker was proposed by Mr. N. A. Herdman.

EDINBURGH

Buffering of Eye Drops

THE rôle of hydrogen ion concentration in ophthalmic solutions was dealt with by MR. B. J. THOMAS, D.B.A., when he addressed the opening meeting of the Edinburgh and South-eastern Scottish Branch of the Pharmaceutical Society recently. He reviewed the work of Hind and Goyan in the light of the intention of the British Pharmacopoeia

to incorporate monographs on eye drops in the next edition. Those two American workers, he said, had shown that the irritative properties of many eye drops could be reduced by pH adjustment without significantly affecting their stability or physiological activity. Mr. J. B. Grosset (chairman) presided.

WEST LONDON

Conference Reports

NEWLY-QUALIFIED pharmacists should receive their certificates at a branch meeting it was suggested at the opening session of the West London Branch of the Pharmaceutical Society, held recently. Mr. S. J. Turner presided and reports were heard from the Dublin Conference delegates. MR. T. D. WHITTET (chief pharmacist, University College Hospital) dealt with the Conference science papers. He commented on the lack of information regarding the pyrogenicity of London tap water and said he hoped to read a paper on that subject at the Bristol Conference in 1957. Mr. Whittet made an appeal for more members to attend the science sessions, saying that there was much to interest all pharmacists and nobody could be expected to understand all the papers.

TRADE NOTES

Pensions for the Self-employed. — A booklet, "Pensions for the Self-employed" is available from Eagle Star Insurance Co., Ltd., 22 Arlington Street, London, S.W.1.

Neomycin/Hydrocortisone Ointment Pack. — Upjohn of England, Ltd., 4 Aldford Street, London, W.1, announce that Neo-Cortef, the company's neomycin/hydrocortisone ointment, is now available in a 20-gm. tube.

An Additional Size. — William R. Warner & Co., Ltd., Power Road, London, W.4, announce that, in addition to the 25-mgm. tablets previously offered, Pacatal tablets, 100-mgm., are now available in bottles of fifty and 500.

Glucose Drink for Olympic Athletes. — By request of the British Olympic Association a large supply of Lucozade glucose drink has been sent to Melbourne by Beecham Foods, Ltd., Brentford, Middlesex, for the British athletes taking part in the Olympic Games.

Dutch Quinidine. — Reduced price schedules for Dutch quinidine and salts have been published by the United Kingdom distributors: R. W. Greeff & Co., Ltd., Garrard House, 31 Gresham Street, London, E.C.2. A selection of the new prices is given on p. 560.

Delayed-action Publicity. — Into the office of the sales manager of the Scholl Manufacturing Co., Ltd., 182 John Street, London, E.C.1, there came recently a letter from Moscow in which the writer asked for Dr. Scholl's foot book free. A postscript stated: "I have read the address in the *Strand Magazine* of June 1926."

Distribution Arrangements Renewed. — Arrangements to continue as initial distributors of the penicillin and streptomycin products of the Distillers Co. (Biochemicals), Ltd., Speke, Liverpool, 19, have been made by ALLEN & HANBURY'S, LTD., Bethnal Green, London, E.2; THE BRITISH DRUG HOUSES, LTD., Graham Street, London, N.1; and

BURROUGHS WELLCOME & CO., 183 Euston Road, London, N.W.1.

"Car at Station" Service in France. — For business visitors to many French towns, French Railways offer a self-drive car-hire service. The intending user books the car in advance and finds it waiting at the station, and the car may be returned to the station after use. The representatives for the United Kingdom are French Railways, Ltd., 179 Piccadilly, London, W.1.

Polythene Nursery Bath. — E. K. Cole, Ltd. (Plastics Division), Southend-on-Sea, Essex, have introduced a self-draining baby bath of special design in polythene. The bath has a firmly fitted captive plug, which the baby cannot undo and which allows the water to be drained off into a bucket without moving the bath. A built-in tray is provided for soap and sponge, and a water-resistant stand of polished beechwood may also be used with a carrycot.

Hearing-aids With After-care. — Cunningham Beattie, Ltd., acoustic consultants, 49 Wigmore Street, London, W.1, manufacturers of the Aditone hearing aids, offer a variety of models (hearing glasses with circuits in the ear-pieces; de luxe 4-transistor, Slimline 3-transistor and others); extreme care in the initial fitting; if necessary a series of adjustments to arrive at maximum relief, and liaison arrangements for after-care. A liberal discount is allowed to chemists.

Prize for Exhibition Stand. — British Oxygen Chemicals, Ltd., Bridgwater House, Cleveland Row, London, S.W.1, makers of Melamine, were awarded first prize in the display class for their stand at the Purchasing Officers' Association Minibition, Scarborough, 1956. The stands were judged by Sir Stephen Tallents (president, Design and Industries Association) who also opened the Minibition. The design of the stand was based upon two major end products of Melamine: tableware and laminates for work surfaces.

Robin Hood Hats for Customers. — D. & W. Gibbs, Ltd., Hesketh House, Portman Square, London, W.1, are taking advantage of the present craze among children (prompted by tele-



vision programmes) for Robin Hood by offering copies of the "official" Robin Hood hat as worn in the television programme. The hats, with feather and badge signed by Richard Greene (the actor who plays the part), are available for 2s. 6d. each and a seal from inside a tin of Gibbs dentifrice.

Bonus Offers

SANDOZ PRODUCTS, LTD., 134 Wigmore Street, London, W.1. Ipesandrine syrup. Thirteen bottles for price of twelve.

OSBORNE, BAUER & CHEESEMAN, LTD. (agents: Sangers, Ltd., 258 Euston Road, London, N.W.1). Glymiel jelly. 8 doz. smaller size less 5 per cent.; 9 doz. smaller and 3 doz. larger size less 7½ per cent.; 9 doz. smaller and 9 doz. larger size less 10 per cent. November 15 to January 15, 1957.

MANUFACTURERS' ACTIVITIES

Ten-year Extension Plan. — Birlec, Ltd., Tyburn Road, Erdington, Birmingham, 24, manufacturers of industrial furnaces and dehumidification equipment, have acquired at Aldridge, nr. Birmingham, a 34-acre site on which they are to build, in the next ten years, "Britain's largest and most modern electric-furnace manufacturing plant."

Export Drive. — As part of its export drive for organic chemicals the Birmingham division of Imperial Chemical Industries, Ltd., recently organised an intensive one-week course for representatives of I.C.I. companies and agents in Western European countries from Scandinavia to the Mediterranean, together with a representative from Canada. The course had two main objectives — to give a technical survey of the products and the industries in which they are used and for those present to discuss commercial policy with the senior management of the division.



TRADE FAIR DISPLAY: Exhibiting at a local trade fair at Dartford, Kent, where the Wellcome Chemical Works is located, Burroughs Wellcome & Co. produced at the stand enough Saxin tablets to sweeten three million cups of tea.

PHOTOGRAPHIC NOTES

Kodacolor in 1957. — It is understood from Kodak, Ltd., Kingsway, London, W.C.2, that the Kodacolor process will be made available to users in Britain some time during 1957.

Pocket Movie Viewer. — Cine Accessories, Co., 34 Middle Street, Brighton, 1, Sussex, offer a "fully animated" hand viewer, the Cine-Vue 8-mm. pocket movie viewer, for use with any 50-ft. 8-mm. film (colour or black and white).

Colour Electronic Flash Unit. — A colour electronic flash unit now being marketed in Britain by North Staffs Photographic Services, Ball's Yard, Newcastle, Staffs, is the Mannesmann Multiblitz. It is a 90-joule outfit giving a flash factor with HP3 film of 170 to 200 and with Kodachrome daylight film of 33. The outfit (unit, 4-volt accumulator and vibrator) weighs 3·9 lb.

Delayed Payments Plan. — To enable dealers to share in the steadily expanding sales of requirements for winter photography, Kodak, Ltd., Kingsway, London, W.C.2, are operating a winter stock plan by which an order is placed for the cameras, accessories and equipment estimated to be needed between now and the spring. Delivery is immediate but payment is spread over three months.

Works Destroyed by Fire. — R. F. Hunter, Ltd., 51 Gray's Inn Road, London, W.C.1, announce that they are unable for the time being to accept orders for screens. Recently the company's factory at Leighton Buzzard, Beds, in which the complete range of the company's Celfix and other screens were manufactured, was completely destroyed by fire. A new factory is being erected, but several months must elapse before production can be fully commenced. Temporary premises have been acquired, and within a few weeks production of the most popular models will be undertaken. Outstanding orders are being checked at head office. A progress report announcing which screens are available will be issued soon. The fire has made no difference to the supply of other goods made or distributed by Messrs. Hunter.

Flashbulb Under Test. — Tests with the new Photoflux PF5 capless flashbulb, stated by the manufacturers, Philips Electrical Co., Ltd., Shaftesbury Avenue, London, W.C.2, to be identical in light output and performance to the F25 ASCC bulb, have shown it to be well up to the high standard of the rest of Photoflux range. The bulb has the familiar blue safety spot, and the base is the same adaptor as is used for the now well-known PF1 capless flashbulb. The light output is 18,000 lumens (10,000 lumens in 22 milliseconds (about 1/50 sec.)), more light than would be given by fifty Photoflood lamps for the same period of time. Using high-speed anachromatic roll film and a shutter speed of 1/25 sec., and a guide number of 400 (equivalent to a distance of 10 ft. at approximately f/11 in an average room) a well exposed negative was obtained.

NEW PRODUCTS AND PACKS

Bubble Bath in Sachet. — Silmor Distributing Co., 34 Caledonian Road, King's Cross, London, N.1, are issuing in a "dispenser" show box three doz. André Philippe sparkling foam bubble-bath sachets.



Bath set produced by Halex division, British Xylonite Co., Ltd., Highams Park, London, E.4, in black polystyrene decorated with penguin motifs in white. Bath and nail brushes are both nylon filled.

Lined Rubber Gloves. — London Rubber Co., Ltd., Hall Lane, Chingford, London, E.4, are marketing a new rubber glove, the London Sure-grip, Sylkette-lined. The London Sure-grip satinised-finish glove continues a available.

Nail Pinks. — Crystal Products Co., Ltd., Hook Rise, Surbiton, Surrey, are introducing a series of Outdoor Girl nail pinks: Cyclamen, "secret" pink, natural pink, natural and clear. "Where once nails gleamed bright scarlet or ruby red," the makers state, "they now glow softly pink." Three of the nail pinks match Outdoor Girl lip colours.

Veterinary Vitamins. — Vitamins, Ltd., Upper Mall, London, W.6, have introduced a complete range of vitamin preparations for the veterinarian. The range includes tablets of ascorbic acid, B.P.; injection of ascorbic acid, B.P.; tablets of vitamin-B complex; injection of vitamin-B complex; liquor of vitamin-B complex; tablets of aneurine hydrochloride, B.P.; injection of aneurine hydrochloride, B.P.; injection of

Dioctyl Sodium Sulphosuccinate.

For remedying impacted faeces and

constipation Medo-Chemicals, Ltd., 144 Fortress Road, London, N.W.5, have made available as Dioctyl-Medo (tablets or 0·25 per cent. or 1 per cent. solution) dioctyl sodium sulphosuccinate.

Cartoned tube and plastic-capped bottle in which Rubriment ointment and liniment (see C. & D., October 20, p. 429) are issued by the manufacturers, Horlicks, Ltd., Slough, Bucks.



"To All Practical Intents, a New Antibiotic."

A recent paragraph on Sigamycin (C. & D., October 27, p. 459) mentioned the medium-spectrum antibiotic oleandomycin as being associated with the broad-spectrum antibiotic tetracycline in the speciality Sigamycin, marketed by Pfizer, Ltd., Sandgate Road, Folkestone, Kent. In a statement that deals, among other things, with oleandomycin, Messrs. Pfizer describe it as being "to all practical intents, a new antibiotic," marketed commercially under the name Matromycin. Matromycin is produced by the mould *Streptomyces antibioticus*, and has a range of activity similar to that of erythromycin (the Gram-positive bacteria, some Gram-negative bacteria, the rickettsiae, and a few large viruses). Matromycin alone is claimed effective against the majority of strains of staphylococci resistant to antibiotics, even including erythromycin. The importance of that claim is that erythromycin is today frequently used as a second line of defence against resistant strains. Unlike erythromycin Matromycin, being chemically more stable, requires no special protective coating to avoid its rapid destruction by the acid contents of the stomach. It is stable over a wide range of pH values, and is understood to be specially effective against streptococci and staphylococci.



TRAVEL PACK: Pack containing towel, face cloth and soap leaves, designed by THM Partners for Barlow & Jones, Ltd., Maidstone House, Berners Street, London, W.1.

LONDON MEDICAL EXHIBITION

First showings numerous in medical "event of the year"

THE London Medical Exhibition was officially opened on November 12 by Professor Ian Aird (professor of surgery, University of London, and director, department of surgery, Post-graduate Medical School of London).

PROFESSOR AIRD remarked on the ingenuity shown by manufacturers in developing and marketing all over the world products which they could feel with great satisfaction were going to be used solely for the relief of human suffering. He congratulated them on their work, the exhibition and the idea of holding the exhibition, which was an event of the year for British medicine. Famous names were represented at the exhibition, many of them household words, at least in doctors' households! Great had been the contribution that manufacturers had made to the advance in medicine. The danger had been taken out of many dreadful diseases and pharmaceutical products had played an important part in every branch of medicine. He himself could speak of the help given to surgeons. For example, they owed to some of the manufacturers represented there the perfection of suture materials.

The exhibition closed on November 16 and was the first to which pharmacists were expressly invited.

First Showings

Products given their first showing at a London Medical Exhibition (not necessarily in these pages) included:

Amenorrhœa: AMENORONE FORTE tablets contain ethisterone 50 mgm. and ethynodiol 0·05 mgm. Course has been shortened (compared with that for Amenorone) to three days (one tablet daily). Bleeding does not occur if patient is pregnant, hence is test of pregnancy, as well as treatment for secondary amenorrhœa. Supplied in box of three tablets. (*Roussel Laboratories, Ltd.*)

Amœbiasis Treatment: ENTAMIDE is dichloracet-4-hydroxy-N-methylanilide, a compound used in the treatment of chronic amoebiasis. Presented in tablets of 0·25 gm. and 0·5 gm. in bottle of thirty and tin of 100. (*Boots Pure Drug Co., Ltd.*)



EQUIPMENT FOR TRANSANTARCTIC EXPEDITION: Members of the Transantarctic Expedition inspecting at the stand of Evans Medical Supplies, Ltd., some of the surgical instruments which, with other medical equipment, is being supplied by the company. Mr. Pratt (seismologist), Mr. Stevenson (geologist) and Dr. Allan Rogers (physician to the Expedition) are shown examining the exhibit.

Anæmia Treatment: IBEROL FILMTABS are designed to have a therapeutic dose for common nutritional anæmias of only two daily. Each tablet contains iron, vitamin B₁₂ with intrinsic factor concentrate, Abbott, ascorbic acid, liver fraction 2, N.F., aneurine mononitrate, riboflavin, nicotinamide, and pyridoxine hydrochloride. (*Abbott Laboratories, Ltd.*)

Analgesics: THIONAIODINE V (Logeais) ampoules contain sodium iodide, magnesium tetrathionate with vitamin B₁ for management of painful rheumatic joint affections and neuralgias. (*Anglo-French Drug Co., Ltd.*)—PROLADONE (dihydrohydroxy codeinone pectinate) is administered intramuscularly as a long-acting analgesic. (*Crookes Laboratories, Ltd.*)—NEONAL, an analgesic cream for the topical treatment of rheumatism and kindred conditions, is presented in 1-oz. tubes. Its active constituents are the salicylic ester of ethylene chlorhydrin, methyl nicotinate and guaiacyl nicotinate. (*H. R. Napp, Ltd.*)

Anæsthesia: TRANSITHAL is buthalitone sodium, an intravenous barbiturate for rapid induction of anaesthesia of short duration followed by very rapid recovery. (*Pharmaceutical Specialities (May & Baker), Ltd.*)—PACATAL is 9-(1-methyl-3-piperidyl methyl)-phenothiazine available as tablets and ampoules. The drug is now also being suggested in anaesthesia for premedication the night before operation, shortly before surgery, during surgical procedure and post-operatively. (*William R. Warner & Co., Ltd.*)

Anthelmintics: VEROXIL ELIXIR (piperazine tartrate) is indicated in treatment of threadworm and roundworm infestation. (*Crookes Laboratories, Ltd.*)—A new anthelmintic preparation for treatment of infestations due to *T. saginata* and *Dipylidium caninum*, ANTHIPEN has the advantage over older taenicides of requiring neither preliminary starvation nor subsequent purging. Supplied in tablets of 0·5 gm. (*Pharmaceutical Specialities (May & Baker), Ltd.*)



Iberol Filmtabs (Abbott Laboratories, Ltd.); Dequaspon (Allen & Hanburys, Ltd.); Ictotest, Occultest, Altest and Clinistix (Ames Co. (London), Ltd.).



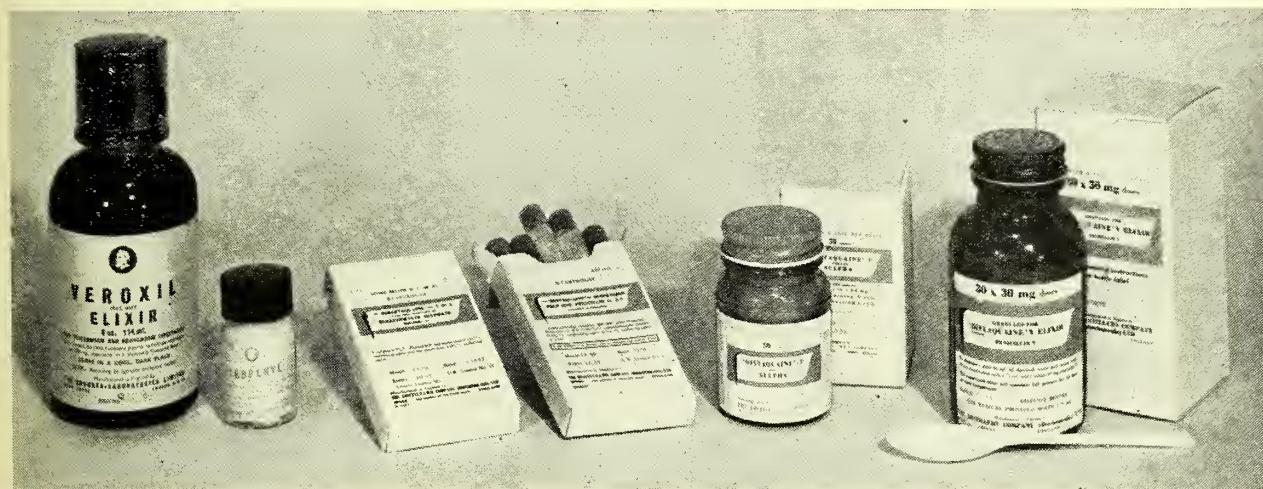
DISPLAYED FOR THE FIRST TIME AT A LONDON MEDICAL EXHIBITION: Desogen lozenges (Geigy Pharmaceutical Co., Ltd.); Adrenor (C. J. Hewlett & Son, Ltd.).



Afdigyl (Anglo-French Drug Co., Ltd.); Cobevit freeze-dried vitamin B complex (Armour Laboratories); Migril (Burroughs Wellcome & Co.); Oblivon-C Ovets (British Schering, Ltd.).



Pectamol (The British Drug Houses, Ltd.); Serpatonil, Ritalin, Ecolid (Ciba Laboratories, Ltd.); Polybactrin aerosol powder (Calmic, Ltd.); Chibret collyrium (Coates & Cooper, Ltd.).



Veroxil elixir, Respenyl (Crookes Laboratories, Ltd.); Streptaqueine cartridges, Distaquaine cartridges, Distaquaine-V sulpha tablets, Distaquaine-V elixir (Distillers Co. (Biochemicals), Ltd.).

To Counter Antibiotic Side-effects: EMPAC brand of lactobacillus acidophilus is a palatable powder designed to counter side-effects of antibiotic treatment arising from the destruction of the normal intestinal flora. (Distributors: A. & G. Nicholas, Ltd. Manufacturers: Aplin & Barrett, Ltd.)

Antibiotics: GROMIDIN tablets containing gramicidin are indicated in the treatment and prophylaxis of pharyngeal, laryngeal, buccal and dental affections, particularly if pyogenous. (Bengue & Co., Ltd.)—POLYBACTRIN is a topical antibiotic powder aerosol making use of

the Vapsol aerosol valve. The product which combines zinc bacitracin, neomycin sulphate and polymyxin B sulphate is packed in a plastic-covered glass bottle. (Calmic, Ltd.)—DISTAQUAINE and STREPTAQUAINE are now supplied as cartridges for use in suitable syringes (Distillers Co. (Biochemicals), Ltd.)—DISTAQUAINE V TABLETS each contain 60 mgm penicillin V. DISTAQUAINE V ELIXIR contains in each 2-fl. oz. bottle, 30 x 30 mgm. doses. Plastic spoon to measure dose is provided. DISTAQUAINE V SULPHA tablets each contain 60 mgm penicillin V, 0.3 gm. sulphamerazine. (Distillers

Co. (Biochemicals), Ltd.)—ACHROMYCIN is now available as paediatric drops. (Lederle Laboratories Division, Cyanimid Products, Ltd.)—Suspension penicillin V, Lilly, paediatric, contains 62.5 mgm. per 5 c.c. In bottle to make 60 c.c. (Eli Lilly & Co., Ltd.)—PULVULES penicillin V, Lilly, are available in 60 mgm., 125 mgm. and 250 mgm. strengths. (Eli Lilly & Co., Ltd.)—Free from some of the disadvantages of the wide spectrum antibiotics ROVAMYCIN, an oral antibiotic, has a narrow range of activity against cocci. (Pharmaceutical Specialities (May & Baker), Ltd.)—PENBENEMID-250 tablets each



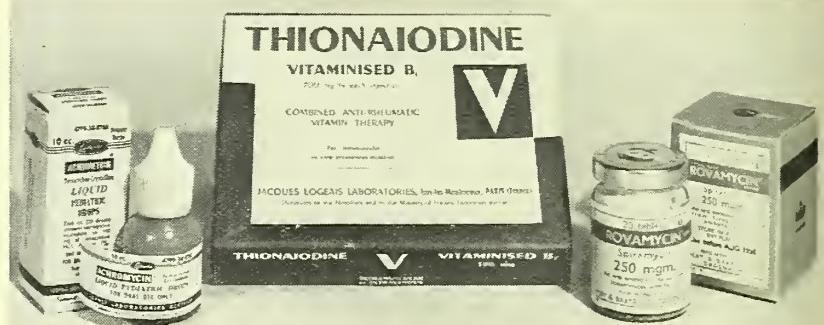
Pollergen test set (Duncan); Pollergen (Duncan) (Duncan, Flockhart & Co., Ltd.); Diphenatil (Glaxo Laboratories, Ltd.); Hewfolco cough syrup (C. J. Hewlett & Son, Ltd.).

contain 250,000 units potassium penicillin G and Benemid probenecid 0.25 gm. (Merck-Sharp & Dohme, Ltd.).—ROMICIL is an antibiotic, oleandomycin, effective against Gram-positive organisms and some Gram-negative organisms. Among its suggested uses are the treatment of pneumococcal and streptococcal infections of the respiratory tract and middle ear. It will be available in December presented in capsules of 100 and 250 mgm. in packs of twelve and 100. (Roche Products, Ltd.).—SOFRAMYCIN OINTMENT is a new preparation for the treatment of pyogenic skin infections for which it is particularly suitable in view of the wide antibacterial spectrum of the antibiotic, Soframycin. The ointment containing 1.5 per cent. Soframycin is packed in 15-gm. tube. (Roussel Laboratories, Ltd.).—ALBAMYCIN (novobiocin sodium) is a new antibiotic particularly effective against staphylococci. (Upjohn of England, Ltd.).

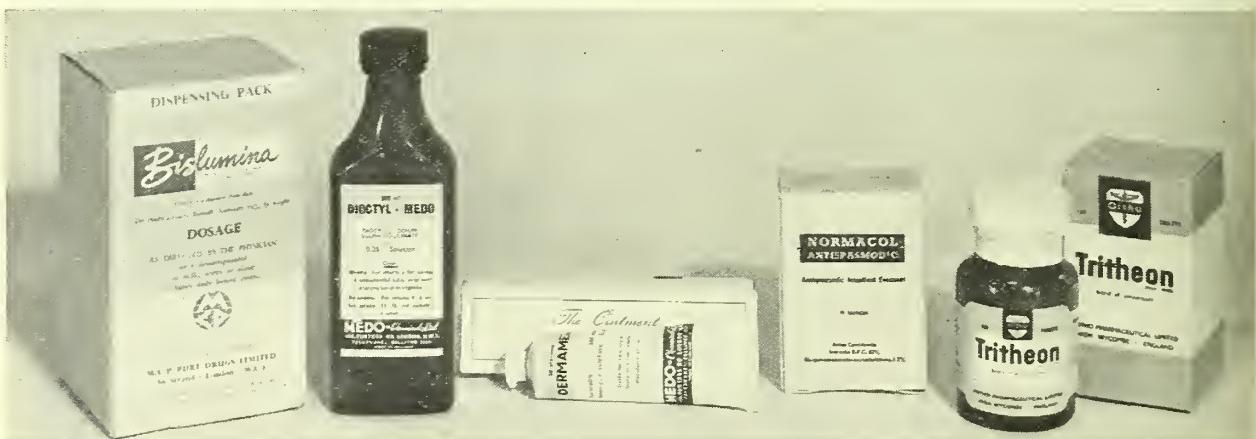
Anticholinergic: DIPHENATIL (diphenanil methyl sulphate) is a selective parasympatholytic agent. Each tablet contains 100 mgm. Indicated in treatment of peptic ulcer, chronic hypertrophic gastritis, hyperhidrosis and in dermatoses aggravated by excessive sweating. Issued in bottles of fifty and 500 from November 19. (Glaxo Laboratories, Ltd.).—A spasmolytic without central depressant action,



Acnil, Genisol, Pixcyl (Genatosan, Ltd.).



Achromycin pediatric drops (Lederle Laboratories Division, Cyanamid Products, Ltd.); Thionaiodine (Anglo-French Drug Co., Ltd.); Rovamycin (Pharmaceutical Specialities (May & Baker), Ltd.).



Bislumina (M.C.P. Pure Drugs, Ltd.); Dioctyl-Medo, Dermamed (Medo-Chemicals, Ltd.); Normacol antispasmodic (Norgine Pharmaceutical Products (London) Ltd.); Tritheon tablets (Ortho Pharmaceutical, Ltd.).



Soframycin skin ointment, Amenorone forte, Asmacort tablets (Roussel Laboratories, Ltd.); Lucidil tablets (Smith & Nephew Ltd.); Sandosten tablets (Sandoz Products, Ltd.).



Cafergot suppositories, Sandosten plus Calcium-Sandoz ointment, Sandosten plus Calcium-Sandoz ampoules (Sandoz Products, Ltd.); Therazide cachets (Smith & Nephew, Ltd.).



Puroverine tablets and ampoules (Sandoz Products Ltd.); Trichorad tablets (Ward, Blenkinsop & Co., Ltd.); Cremalgin balm (West Pharmaceutical Co., Ltd.).



Pacatal tablets, Covatin tablets (William R. Warner & Co., Ltd.); Ipesandrine syrup (Sandoz Products, Ltd.); Pavacol diabetic (Ward, Blenkinsop & Co., Ltd.).

SKOPYL (methyl Scopolamine nitrate) has five times greater spasmolytic effect than atropine on guinea-pig intestine. (Savory & Moore, Ltd., sole agents for Pharmacia Uppsala, Sweden.)

Anti-depressive: RITALIN tablets each contain 10 mgm. of hydrochloride of phenyl-(α -piperidyl)-acetic acid methyl ester. (Ciba Laboratories, Ltd.).

Antihistaminics: SANDOSTEN tablets

each contain 25 mgm. thenophenopiperidine tartrate. Sandosten + Calcium-Sandoz is available as effervescent tablets, ampoules and ointment. (Sandoz Products, Ltd.).

Anti-inflammatory Enzymatic Injection: CHYMAR is a suspension of chymotrypsin for intramuscular use indicated in chronic ulcers, reduction of haematomas, swelling due to trauma cellulitis, bursitis and arthritis, phlebitis and eye inflammation. (Armour Laboratories (Armour & Co., Ltd.)).

Anti-obesity: REVICAPS are a new anti-obesity vitamin capsule containing dextroamphetamine and methyl cellulose.

Against Stress: STRESSCAPS provide in a single capsule a potent supplement of the vitamins needed for recovery after extraordinary stress. (Lederle Laboratories Division, Cyanamid Products, Ltd.).

Antiseptics: DETTOL antiseptic cream is a preparation for obstetric and gynaecological purposes. (Reckitt & Colman, Ltd.).

Antiseptic Lozenges: Active against a wide range of pathogenic bacteria are DESOGEN LOZENGES. (Geigy Pharmaceutical Co., Ltd.).—An extension of the use of the antiseptic and bactericidal qualities of chlorhexidine are HIBITANE lozenges. Combined with benzocaine in a pleasantly flavoured base, the lozenges are indicated in infections of mouth and throat. (Imperial Chemical (Pharmaceuticals), Ltd.).

Anti-tuberculosis Agent: THERAZIDE contains Therapax (calcium 4-benzamido-salicylate pentahydrate) and Pycazide (isoniazid) and is presented as powders and cachets. (Smith & Nephew, Ltd.).

Apparatus: The DISTAMPIN disposable injector is a hermetically-sealed

ampoule and injection needle in one sterile unit for immediate use without hypodermic syringe. The contents of the injector are under the positive pressure of an inert gas. Available to hospitals only. (*The Distillers Co. (Biochemicals), Ltd.*).

Asthma Treatment: Control of asthmatic spasm and mild diuretic action in congestive heart failure is claimed for CHOLEDYL (choline theophyllinate). (*Allen & Hanburys, Ltd.*).—ASMACORT tablets, newly introduced, each contain prednisone 1·5 mgm., ephedrine hydrochloride 15 mgm., theophylline 120 mgm., phenobarbitone 10 mgm. At present available to hospitals only. (*Roussel Laboratories, Ltd.*).

Autonomic Imbalance: The composition of PANSEDOM (Opilon, ext. bellad. rad. and phenobarbitone) is such as to produce a continuous stable autonomic equilibrium at all times. Presented in tablet form in packs of twenty-five, 100 and 1,000. (*Veritas Drug Co., Ltd.*).

Barbiturate: RAPIDAL (calcium cyclobarbitalone 0·2 gm.) is a quick-acting soluble and neutral barbiturate lasting 3–6 hours. (*Medo-Chemicals, Ltd.*)

Bronchial Asthma Treatment: The principle of ion-exchange is utilised to provide ten to twelve hours uninterrupted effect with a single dose in ASMAPAX, a treatment for bronchial asthma. (*Clinical Products, Ltd.*)—NEORYBAREX is a new inhalant similar to Rybarex but containing a detergent base to promote expulsion of thickener or excessive secretion. (*Rybar Laboratories, Ltd.*)—Of particular value in relieving the anxiety state associated with bronchial asthma is RYBROL an antispasmodic and sedative. (*Rybar Laboratories, Ltd.*)

Cancer Treatment: Leukeran (chlorambucil, or C.B. 1348) is a new derivative of nitrogen mustard for the palliative oral treatment of follicular lymphoma, lymphocytic lymphoma with or without leukaemia and some cases of Hodgkin's disease. Each sugar-coated tablet contains 2 or 5 mgm. The product is supplied in bottle of one hundred. (*Burroughs Wellcome & Co., Ltd.*)

Colitis Therapy: SALAZOPYRIN: a synthesised compound of a salicylic derivative and a sulphonamide, salicylazo-sulphapyridine is indicated in ulcerative colitis. Available as 0·5 gm. tablets in bottles of 100 and 500. (*Savory & Moore, Ltd.*, sole agents for *Pharmacia Uppsala, Sweden.*)

Common Cold Treatment. — FLUS-CORBIN combines vitamin C in high dosage with quinine for common cold treatment. (*Continental Laboratories, Ltd.*)

Container: A new type of eyedropper which eliminates the necessity of opening the bottle thus maintaining sterility of the product is presented in the ophthalmic range of Chibret Laboratories, Paris (U.K. distributors, *Coates & Cooper, Ltd.*).

Cortisone Preparations: A plastic throat piece is available for use with the PABRACORT insufflation capsules of hydrocortisone acetate. Indications for the insufflation are nasal allergy and



Sterisol (William R. Warner & Co., Ltd.); Pacatal for intramuscular or intravenous injection (William R. Warner & Co., Ltd.).

bronchial asthma. (*Paines & Byrne, Ltd.*)—A new derivative of hydrocortisone indicated in allergic and inflammatory diseases, FLORINEF, is fluorohydrocortisone. Presented as a 0·1 per cent. ointment in tubes of 5 gm. and as a 0·1 per cent. lotion in plastic squeeze bottles. (*E. R. Squibb & Sons*).—Acetylsalicylic acid is combined with delta-1-hydrocortisone to give additive analgesic and anti-inflammatory effects to CORDEX. Issued in bottle of 100. (*Upjohn of England, Ltd.*).

Cough Preparations: PECTAMOL linntus contains oxeladin which acts on the cough centre in the central nervous system. (*The British Drug Houses, Ltd.*)—RESPENYL tablets, each containing 100 mgm. guaiacyl glyceryl ether are a potent expectorant with mucus-liquefying and antiseptic properties. (*Crookes Laboratories, Ltd.*)—HEWFOLCO is a syrup containing pholcodine, syrup of squills, tincture of belladonna and syrup prun. serot., for the treatment of irritating and unproductive coughs. Especially designed for infants and children. (*C. J. Hewlett & Son, Ltd.*)—IPESANDRINE is a new cough syrup containing in each teaspoonful, alkaloids of ipecacuanha 0·175 mgm., alkaloids of opium 0·5 mgm., ephedrine hydrochloride 1·75 mgm., syrup 3·85 gm., balsam of tolu, cherry laurel water. Bottles of 3 and 7 fl. oz. (*Sandoz Products, Ltd.*)—PAVACOL DIABETIC is a new papaverine-codeine cough preparation for the use of diabetics. (*Ward, Blenkinsop & Co., Ltd.*).

Dental Preparations: Containing sulphathiazole and sulphanilamide M. & B. dental cones are for the prevention of infection following dental extractions. (*Pharmaceutical Specialities (May & Baker), Ltd.*)—DENTURAL, a liquid denture cleaner with an alkaline hypochlorite base is introduced. (*Savory & Moore, Ltd.*).

Dermatologicals: ACRIL cream is now supplied in 1-oz. tube. (*Genatosan, Ltd.*)—GENISOL is a liquid application to be used as a shampoo for the removal of scales in seborrhœa capitis. It contains purified fraction equivalent to crude coal tar, 2 per cent., and hexachlorophene, 1 per cent. (*Genatosan, Ltd.*)—PIXCYL now contains purified fraction equivalent to crude coal tar 3 per cent. (instead of the former 5 per cent.). (*Genatosan, Ltd.*)—Based on the use of stabiliser trypsin BIOTRASE CREAM is indicated in the treatment of superficial infected and neurotic lesions of all kinds. In 35-gm. tube. (*Lloyd-Hanov, Ltd.*)—DERMAMED OINTMENT contains in each gm., bacitracin, 500 units, and neomycin sulphate, 5 mgm. (*Medo-Chemicals, Ltd.*)—HYDRODERM

topical ointment contains Hydrocortone, neomycin and bacitracin for the treatment of inflammatory skin conditions complicated by infection. (*Merck-Sharp & Dohme, Ltd.*)—TYROTRACE ointment contains bacitracin and tyrothricin in a petroleum jelly base (*Merck-Sharp & Dohme, Ltd.*).—A quicker relief for skin disorders is claimed for HYDROADRESON ointment. Available in 1 per cent. and 2·5 per cent. tubes of 5 and 15 gm., it combines hydrocortisone in a neutral base. (*Organon Laboratories, Ltd.*).

Diabetic Treatment: BUCROL—carbutamide—a long-acting sulphonamide which, after oral administration, lowers the blood sugar in normal persons and certain diabetics is available for hospital use only. (*Boots Pure Drug Co., Ltd.*)—RASTINON, an oral treatment for diabetes mellitus. Supplies are restricted to hospitals. (The drug is being distributed in the United Kingdom for *Hoechst Pharmaceuticals, Ltd.*, by *Herrick, Ltd.*, *Pharmaceutical Division*).

Diagnostic Reagents: In addition to the well-known Clinitest and Acetest reagent tablets there have now been introduced four new products for routine urine tests. ALTEST reagent tablets are for the detection of protein, OCCULTEST for the detection of blood, ICTOTEST for the detection of bilirubin and CLINSTIX for the detection of true glucose. (*Ames Co. (London), Ltd.*)—A simplified urine sugar test is provided by TES-TAPE. (*Eli Lilly & Co., Ltd.*).

Eye Ointment: BROLENE is an eye ointment containing 0·15 per cent. of dibromopropamide isethionate for the treatment of acute and chronic conjunctivitis and other infections. (*Pharmaceutical Specialities (May & Baker), Ltd.*).

Foods: A new strained fish food for babies is introduced. (*Brand & Co., Ltd.*)—PROSPAROL is a high calorie emulsion for treatment of severely burned patients (*Duncan, Flockhart & Co., Ltd.*).

Hormone Preparations: PREMARIN is a tablet preparation of orally active, water-soluble conjugates oestrogens. (*Imperial Chemical (Pharmaceuticals), Ltd.*)—A specially-prepared sublingual/sublabial tablet with a water-soluble wax base introduced as SUBLINGS is used for the administration of testosterone. SUBLINGS TESTOSTERONE is issued in bottles of twenty-five, 100 and 500. (*Organon Laboratories, Ltd.*).

Hypotensives: ECOLID is an orally-active ganglion blocking agent. Available as tablets and ampoules. (*Ciba Laboratories, Ltd.*)—SERPATONIL contains in each tablet 0·15 mgm. Sepasil (anti-hypertensive) and 5 mgm. Ritalin

(antidepressive). (*Ciba Laboratories, Ltd.*). — INVERSINE tablets contain 10 mgm. mecamylamine hydrochloride (*Merck-Sharp & Dohme, Ltd.*).

Inhaler: BENZEDREX inhaler, containing propylhexedrine, is claimed to be more effective than the Benzedrine inhaler it replaces. (*Menley & James, Ltd.*).

Laxatives: DIOCTYL-MEDO (dioctyl sodium sulphosuccinate, 0·25 per cent. solution) is indicated in the treatment of severe constipation and impacted faeces. (*Medo-Chemicals, Ltd.*). — NOR-MACOL ANTISPASMODIC is presented for the treatment of spastic and hypertonic constipation. (*Norgine Pharmaceutical Products (London), Ltd.*). — CIROTYL is a new contact laxative preparation utilising a synthetic derivative of diphenylisatin. (*Parke, Davis & Co., Ltd.*).

Nasal Sprays: AQUEOUS MISTOL and MISTOL MIST are nasal decongestants whose active constituents are phenylephrine hydrochloride and mepyramine maleate. (*Fassett & Johnson, Ltd.*). — VASOCORT SPRAYPAK utilises phenylephrine hydrochloride and p-hydroxyamphetamine hydrobromide, two dependable decongestants, and hydrocortisone. (*Menley & James, Ltd.*).

Ophthalmic Ointment: APPLICAPS, gelatin capsules each containing the suitable quantity for a single treatment, provide a novel device for the hygienic application of 1 per cent. Chloromycetin ophthalmic ointment. (*Parke, Davis & Co., Ltd.*).

Otitis Therapy: OTIGOL CREAM utilises the active principles sodium diamino disulphomethyl fuchsonium sulphonate and sodium baborate together with cetrimide and sulphur in a treatment for otitis externa. Packed in tube of 20 gm. (*Camden Chemical Co., Ltd.*).

Oxytocic Drug: SYNTOCINON ampoules contain 5 i.u. of the oxytocic principle of the post-pituitary obtained by chemical synthesis. The drug is indicated to induce or stimulate labour. (*Sandoz Products, Ltd.*).

Peptic Ulcer Therapy: ASCON tablets contain heavy magnesium carbonate gr. 3, aluminium hydroxide gr. 2, magnesium trisilicate gr. 2, dry extract of belladonna gr. 1/10. Also available in gel form containing in each tablespoonful, aluminium hydroxide gr. 7, magnesium tricarbonate gr. 15, tincture of belladonna mins 8, chloroform mins ½. (*Allied Laboratories, Ltd.*). — BISLUMINA is a compound bismuth aluminate cream (M.C.P. Pure Drugs, Ltd.).

Rubefacient: RUBRIMENT (2·5 per cent. nicotinic acid benzyl ester and 0·1 per cent. capsicin) is available as cream or liniment. (*Horlicks, Ltd., Pharmaceutical Division*).

Surgical Sundries: NOBECUTANE is now available in a new 100-mil pack. (*Evans Medical Supplies, Ltd.*). — LONDON surgeons' gloves are remarkably resistant to sterilisation, are soft and resilient and provide maximum sureness of grip. (*London Rubber Co., Ltd.*). — Completely stable dyes have been used in the production of CULTHRED, a colour-coded linen thread for surgical use. PROSYLK is a braided serum-proof

suture which may be sterilised by boiling or autoclaving for thirty minutes or longer. (*Savory & Moore, Ltd.*). — TUBEGAUZ is now available in three qualities: normal, hospital and industrial water-repellent. (*Scholl Manufacturing Co., Ltd.*). — ELASTOPLAST AIR-STRIP is a new micro-porous waterproof adhesive first-aid dressing that eliminates maceration. (*Smith & Nephew, Ltd.*).

Sympatholytic: A new sympatholytic drug OPILON is indicated in diseases in which vascular spasm is induced by sympathetic overactivity. Opilon is the hydrochloride of ace-toxy-thymoxy-ethyldimethylamine and is available in tablet and ampoule form. (*Veritas Drug Co., Ltd.*).

Tranquillisers: OBLIVON C (methylphenytol carbamate) is a new long-acting (4½ to 5 hours action) derivative of Oblivon for the management of anxiety states. (*British Schering, Ltd.*). — Day long relief from anxiety and depression together with appetite control are given with BARBIDEX Ionex-Tabs. Each tablet contains 1 gr. of phenobarbitone and 10 mgm. of resin bonded dextroamphetamine sulphate. (*Clinical Products, Ltd.*). — Day-long appetite control and mood elevation is obtainable with a single dose of DEXTEN Ionex-Tabs in which dexamphetamine sulphate is resin bonded. (*Clinical Products, Ltd.*). — MEPAVLOM is meprobamate. (*Imperial Chemical (Pharmaceuticals, Ltd.*). — MERATRAN is pipradrol hydrochloride. MERATRAN WITH RESERPIN is recommended when both depression and anxiety tension are observed. (*Riker Laboratories, Ltd.*). — LUCIDIL tablets each contain 1 mgm. benactyzine hydrochloride. (*Smith & Nephew, Ltd.*). — MILTOWN tablets each contain 400 mgm. 2 methyl-2-n-propyl-1, 3-propanediol dicarbamate. (*Lederle Laboratories Division, Cyanimid Products, Ltd.*). — COVATIN is p-butyl thiadiphenyl-methyl-2-dimethylaminomethyl sulphide hydrochloride. (*William R. Warner & Co., Ltd.*).

Treatment of Bronchospasm: SILBE-PHYLLINE, a neutral theophylline derivative, may be used for the treatment of bronchospasm and cardiac failure. It is available in tablets, ampoules or suppositories. (*Silten, Ltd.*).

Treatment of Colds, etc.: LIBEROL ointment which contains hyoscyamine, camphor, guaiacol and volatile oils is indicated in cases of inflammation of respiratory passages, coughs and colds. (*Multipax Chemicals, Ltd.*).

Treatment of Haemorrhoids: LOCAN suppositories contain amethocaine gr. 3/12, amylocaine gr. 1/12, phenol gr. ½, bismuth subnitrate gr. 1, zinc oxide gr. 2. (*Allied Laboratories, Ltd.*).

Treatment of Metabolic Insufficiency: CYNOMEL, a synthetic L-triiodothyronine, is a new agent for the treatment of metabolic insufficiency. It is presented in five and twenty-five microgm. scored tablets in bottles of 100 and 1,000. (*Menley & James, Ltd.*).

Treatment of Migraine: Migril is a new treatment for migraine. Each tablet contains ergotamine tartrate 2 mgm., caffeine 100 mgm. and cyclizine hydrochloride 50 mgm. In packs of ten and 100. (*Burroughs Wellcome &*

Co.)—CAFERGOT SUPPOSITORIES each contain ergotamine tartrate 2 mgm., caffeine 100 mgm., Bellafoline 0·25 mgm., isobutyl-allyl-barbituric acid 100 mgm. (*Sandoz Products, Ltd.*).

Treatment of Ocular Disease: HYDROPTIC is a sterile ophthalmic suspension containing hydrocortisone and neomycin in a specially-designed plastic applicator. (*Merck-Sharp & Dohme, Ltd.*).

Treatment of Pre-eclampsia and Eclampsia: PUROVERINE is composed of and pure crystalline protoveratrine A and B in the constant ratio of 2:1. Available as tablets and ampoules. (*Sandoz Products, Ltd.*)

Treatment of Rheumatic Diseases: HYDRODNE tablets each contain Hydrocortone 2·5 mgm., and aspirin 0·3 gm. (*Merck-Sharp & Dohme, Ltd.*).

COLCHIPIRINE combines in tablet form the anti-inflammatory, analgesic and urico-eliminating properties of colchicine and acetylsalicylic acid, assisted by vitamin B, for the treatment of rheumatic and gouty conditions. (*Continental Laboratories, Ltd.*). — HYDROCORTONE-TBA (tertiary butyl acetate) is a saline suspension offering specific joint therapy for osteoarthritis and rheumatoid arthritis. (*Merck-Sharp & Dohme, Ltd.*).

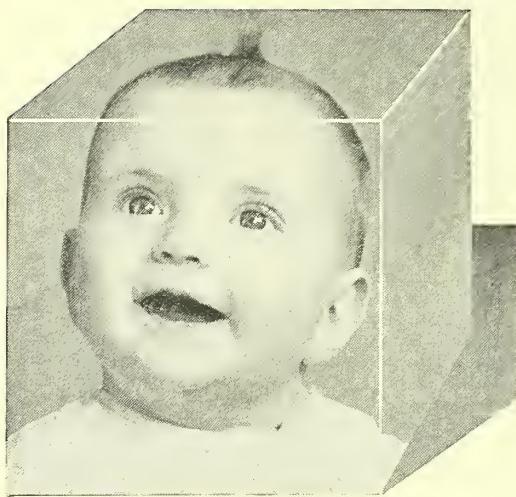
Treatment of Shock: ADRENOR brand of l-noradrenaline is indicated for the maintenance of blood pressure in cases of shock and acute hypotension. Available in 2-mil ampoules. (*C. J. Hewlett & Son, Ltd.*).

Treatment of Vaginitis: STERISIL vaginal gel containing 0·1 per cent. hexetidine is indicated in the treatment of vaginitis. Available from December 1. (*William R. Warner & Co., Ltd.*).

Trichomoniasis treatment: TRITHIEON tablets each contain 100 mgm. 2-acetylaminofuran-5-nitrothiazole (aminitroazole). First oral treatment of trichomoniasis in the male and female. (*Ortho Pharmaceutical Ltd.*). — TRICHORAD tablets are a new oral trichomonacide for systemic treatment of trichomonal vaginitis and trichomoniasis in the male. (*Ward Blenkinsop & Co., Ltd.*).

Vasodilator: RONICOL COMPOSITUM is a combination of three vasodilator drugs in stable solution, resulting in an injectable preparation with long-acting properties (*Roche Products, Ltd.*).

Vitamin Products: Cobevit is a new freeze-dried vitamin B complex preparation for injection. (*Armour Laboratories (Armour & Co., Ltd.)*). — BIOPAR FORTE tablets each contain 35 mgm. intrinsic factor and 15 microgm. vitamin B₁₂, equivalent to 1 U.S.P. oval unit. (*Armour Laboratories (Armour & Co., Ltd.)*). — Containing the principal fat and water-soluble vitamins essential for growth and health, PALADAC has a pleasant orange flavour. Supplied in bottles of 4 and 16 fl. oz. (*Parke, Davis & Co., Ltd.*). — A high-dosage vitamin B complex preparation for oral use, OROVITE is available in tablet and elixir form. (*Vitamins, Ltd.*). The exhibit of Thomas Hedley Co., Ltd., showed graphically a study of the effects of new detergents on the skin. Observations were made on over 12,000 women taking part in controlled tests. The new detergents were shown to present no undue hazard.



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TELEGRAMS: "CHEMICUS ESTRAND, LONDON"

Reborn

THE energy, the will-to-live and the quick adaptability to changing circumstances of the Proprietary Articles Trade Association cannot but reassure and fortify all those in pharmacy and the drug trade who may have been in fear that the Restrictive Trade Practices Act might bring a return to the old "jungle" conditions of price cutting in the proprietary medicine field. Nobody who studies the history of the Association and the trade can reasonably maintain that it has created or prolonged the monopoly conditions the Act was framed to prevent. Quite the reverse, in fact. By stabilising conditions in the trade the Association has maintained and nurtured the "small" private pharmacist with a single shop, or the "small" private company with but a few branches. Under the conditions that once existed many of them would have succumbed to the competition of "larger fry" possessing the resources to conduct a prolonged price war.

In its patient efforts over long years the P.A.T.A. happily has secured converts, and retail members of the P.A.T.A. must be immensely cheered by the firm line so plainly expressed by Mr. S. W. Day (as spokesman for the Boots organisation) when he addressed the council of the Association on October 11 (p. 541). Mr. Day's remarks should encourage manufacturers, if there are any waverers, to make the fullest use of the powers given them under the Act to enforce their prices in the courts (and to make use, in so doing, of facilities provided by the P.A.T.A. under its new constitution).

Mr. Norman Dewey, the Association's president, has rightly placed strong emphasis (p. 537) on another aspect of stabilised prices as applied to medicine. It is not, as he points out, morally or ethically right that customers for medicines should, like a housewife buying vegetables or bacon, be encouraged into the frame of mind of looking around for shops at which a halfpenny can be saved here or a penny there on drugs and medicines—products that ought to be bought on considerations of their effectiveness as healing agents and not on slashed prices blandished to attract mass buyers. Mr. Dewey also stresses that any element of the gamble in medicinal retail prices must militate against the ability of manufacturers to engage in research—at any rate with the continuity and to the extent that are necessary for proper medical advance.

By the prominence given to the changes made (see p. 541) in the rules of P.A.T.A. (an aim made pleasantly easier of achievement by the happy coincidence of sixtieth birthday celebrations), as well as by the infor-

mation disseminated regionally or locally by chemists' own organisations, it should by now be abundantly clear to every chemist in business that, to keep his trading free from the upsets that would attend outbreaks of price cutting, he must rely much more on his own efforts and much less on those of trade bodies.

The P.A.T.A. has shown that it will do what it can, under the law, to help individual manufacturers who call upon it for assistance. But it can take no action to maintain prices in general, and must rely on chemists, themselves acting as individuals, to notify instances of price cutting (the Association is permitted to pass on the information to its members), and individually to make manufacturers realise that it is expected of them that they will make full use of their legal powers of proceeding against traders who infringe price clauses in the conditions of sale. As, too, the machinery is provided by which a price-cutter can be manoeuvred into a position in which he is deemed to have accepted the conditions of sale, the manufacturer has no cause to shrink from taking proceedings for fear of failure or heavy expense.

Manufacturer members of the P.A.T.A. have shown that they need no "gingering" in that respect, for they have warmly welcomed the new constitution and rules, and may be relied upon to show the loyalty to the Association and the trade that they have shown in the past.

The key man in price matters has become the man at the counter, who can by his own vigilance and determination nip in the bud any disintegrating tendencies that should threaten, whether from a sporadic cutting here or from an epidemic of cutting there. The retailer's influence may—who knows?—come to be brought to bear even on manufacturers who have not in the past shown much interest in the P.A.T.A.

Why Endorse Cheques?

THE report of the Committee on Cheque Endorsement (p. 538) should, if adopted by the Government, relieve commercial concerns of a considerable amount of time and unproductive labour. The committee was appointed in April 1955, after the introduction by Mr. R. Graham Page of a private member's Bill designed to reduce the need for endorsement of cheques not negotiated. Mr. Page suggested to the committee that 600 million cheques needing endorsement were issued every year and that about 13 million endorsements required confirmation by the banks. Although endorsement would still be required where the cheque was presented by a customer who was not the payee, or where payment was made over the counter, those transactions are understood to constitute only 3 per cent. of the cheques issued. As 97 per cent. fall into the category of cheques for which endorsement will not be required, the saving that should accrue from the plan is obvious. The committee's report also seems likely to encourage the practice of making the cheque do service as a receipt, because it recommends legislation to ensure that, where it appears that a cheque has been paid by the bank on which it is drawn, "it shall be *prima facie* evidence of the receipt of the money by the payee." Firms would not then need to issue receipts for payments made by cheque, and would also save many twopenny receipt stamps (unless, of course, that benefit were frustrated by new arrangements by the Inland Revenue).

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

SUBSIDISED CONFERENCE ATTENDANCES

Analysis of figures obtained from Dublin meeting

ONE of the matters that came before the Council of the Pharmaceutical Society at its meeting on November 6 and 7 was the representation of Branches at the Dublin meeting of the British Pharmaceutical Conference under the financial arrangements in operation for the first time at that meeting. THE REGISTRAR reported to the Organisation Committee that vouchers had been received from 213 Branch Representatives appointed to attend: eighty-seven branches had been represented. The estimated cost was £4,268, an average of £20 a head. At the last Conference held under the old arrangements (at Aberdeen in 1955) there had been 152 Branch Representatives and the cost (£2,782) had averaged £18 6s. a head. It appeared from the Conference lists of 1951 to 1955 that, of the 213 representatives present at Dublin, 117 had held full books of Conference tickets on some previous occasions in those years, twenty-one had attended only the Branch Representatives' meetings, and seventy-five had not attended either those meetings or the Conference. Of the 117 who had previously held full books, eighty-five had been Branch Representatives at the Conference, and thirty-two had not. Ten of the eighty-seven branches represented this year had not been represented in the previous five years. The expectation in May had been that, under the new arrangements in operation for the first time, about 200 Branch Representatives would attend the Dublin Conference, and that the average cost would be about £20 a head.

Other Branch Matters

The Council approved the draft interim report on resolutions passed at the Branch Representatives' meeting in May 1956. DR. DAVID MCCALL (resident secretary in Scotland) reported to the Organisation Committee that meetings had been held to inaugurate two new Branches (Ayrshire; Dumfries and Galloway) in Scotland in districts formerly within the Glasgow and South-western Scottish Branch area. The formation of the two Branches was approved.

Visitors from Overseas

The president (Mr. Granville Shaw) from the chair, welcomed as visitors Messrs. Reginald Coombes (a past-member of the Pharmacy Board of New Zealand and former chairman of the Auckland Branch, Chemists' Service Guild of New Zealand), Frank McGrath and Hugh Corrigan (president and treasurer, Pharmaceutical Society of Ireland, and chairman and treasurer, respectively, Dublin Local Committee, British Pharmaceutical Conference, 1956). He also welcomed back Sir Hugh Linstead recently returned from his Canadian tour.

Proprietary Medicine Problems

After considering replies received from the other pharmaceutical organisations on the draft agenda for a meeting on proprietary medicine problems, the Public Services Committee decided to call a preliminary meeting of secretaries of the organisations concerned to discuss procedure.

Codex Amendments

The Council approved the issue of a statement dealing with a number of amendments to the British Pharmaceutical Codex, 1954.

An Anomaly in Superannuation Regulations

The Public Services Committee reported on draft regulations amending the National Health Service (Superannuation) (England and Scotland) Regulations, 1948. Under the regulations pharmacists appointed by the Admiralty since 1950 were prejudiced in that overseas service was not recognised, and the Council decided to bring that aspect to the notice of the authorities.

Prescription Charge

The Council considered the announcement by the Chancellor of the Exchequer that, from December 1, he proposed to make the charge for N.H.S. prescriptions dispensed one shilling per item instead of one shilling per form, and decided to send to the Chancellor and the Minister of Health a letter commenting on the proposal in the light of effects it might be expected to have on the Health Service.

Pharmacists with Overseas Qualifications

The Council approved a recommendation from the Education Committee to amend the by-law relating to pharmacists with overseas qualifications other than those of pharmaceutical authorities with which the Society has reciprocal arrangements. The proposed new by-law would require applicants for registration under Clause 18 of Section XIX to produce evidence of intention to reside permanently in Great Britain, and would modify the requirements on training and examination.

Examination Results

Reports on the Intermediate examination held in England and Wales and in Scotland in October showed that in England and Wales, out of five first entries none passed, one candidate being referred, two failing and two being absent. Of twenty-eight re-entries seven passed, eight were referred, eight failed, and five were absent. Sixty-three candidates entered for a referred subject, and twenty-seven passed, thirty-four being again referred and two absent. In Scotland there were two first entries, one of whom passed, the other being referred. Of forty-three re-entries twelve passed, four were referred, twenty-three failed, and four were absent. Thirty-eight candidates entered for a referred subject and twenty-nine passed, seven being again referred and two absent.

Registers

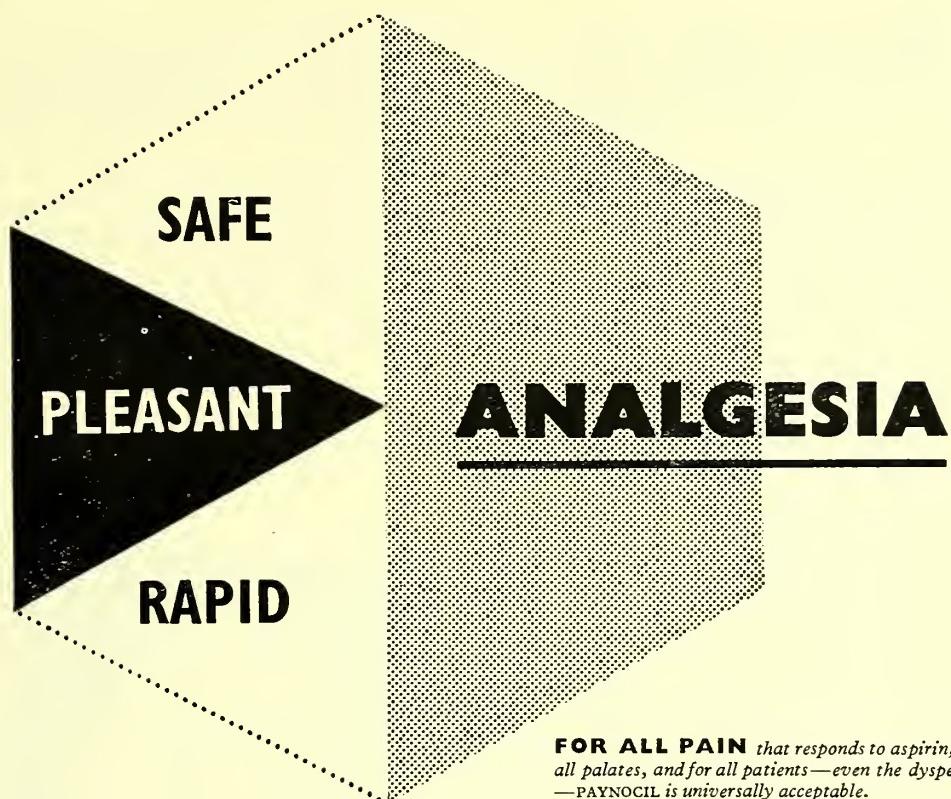
One-hundred-and-fifty persons were reported registered as "student," in October against 143 in October 1955, making 697 in the current year against 753 in the corresponding period of 1955. The names of fourteen former members who had now paid the fees and penalties were restored to the register, and the Council approved the Law Committee's recommendation that one person whose name had been removed more than ten years ago be similarly restored. One address was restored to the register of premises. On the recommendation of the Law Committee, nine applications for registration under reciprocity arrangements were approved, and authority was given for acceptance of two other applications on submission of the necessary documents and fees.

Obituary

THE PRESIDENT reported with regret the death of Mr. John Bayne McDonald, Perth, a former member of the Executive of the Scottish Department.

Grants from Funds

The Benevolent Fund and War Aid Committee reported that grants amounting to £387 had been made to eight widows, two members and one dependant of a member. Recommended grants amounting to £989 to three other widows, three members and a former member were approved. Grants of approximately £353 from the Benevolent Fund, £10 from the War Aid Fund and £154 from the Orphan Fund were made in eight special cases. On the Committee's recommendation the Council agreed to make Christmas gifts of £5 each to the sixty-two annuitants from the Benevolent Fund; of £2 2s. each to the eight orphan



FOR ALL PAIN that responds to aspirin; for all palates, and for all patients—even the dyspeptic—PAYNOCIL is universally acceptable.

FOR CHILDREN there is no pleasanter way of taking aspirin, and coaxing is seldom necessary. JUNIOR PAYNOCIL tablets contain just the right dose.

NON-IRRITANT—the aspirin particles are minutely and evenly spread over the gastric mucosa in a harmless and non-adherent form.

ACCEPTABLE—the flavour of Paynocil is remarkably pleasant and the presence of aspirin is unnoticed.

QUICK DISPERSING—the disintegration of Paynocil tablets on the tongue—without water—has been called “flash dispersal”. Chewing is unnecessary and swallowing effortless.

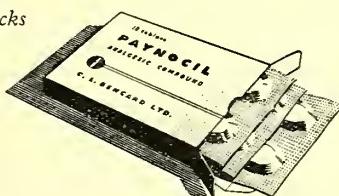
PAYNOCIL

EACH TABLET CONTAINS

Acetylsalicylic acid 10 grains
Aminoacetic acid 5 grains

PACKAGES in sealed foil strips :
Cartons of 18.

Dispensing packs
of 240 : basic
N.H.S. cost
(tax free)
21/8d.



Junior PAYNOCIL

EACH TABLET CONTAINS

Acetylsalicylic acid 2½ grains
Aminoacetic acid 1½ grains

PACKAGES in sealed foil strips :
Cartons of 20.

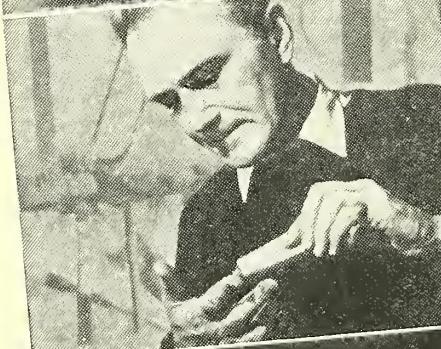
Dispensing packs of
240 : basic N.H.S.
cost (tax free)
15/-.



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beneficiaries from the Orphan Fund, and of £2 2s. to each child under sixteen years old whose parents have received grants from the Benevolent Fund and War Aid Fund in 1956. Legacies of £200 from the late Mrs. E. N. Boyd, Edinburgh, and £100 from the late Mr. J. C. Semple, Glasgow, were reported received for the Benevolent Fund and of £338 from the late Mr. F. G. Blockley, Leicester, for the Birdsgrove House Fund. The report of the Warden of Birdsgrove House stated that, in the month to October 16, 1956, forty-eight guests had stayed at the convalescent home for an aggregate of seventy-four weeks, against forty-four guests and sixty-five weeks in the corresponding period of 1955. In the three months ended on the same date, mid-week guests ranged from nine to twenty. Guests' contributions in the month to October 16 numbered fourteen and amounted to £53. Gifts in kind were also reported.

Central Health Services Council and Pharmaceutical Standing Advisory Committee

The Ministry of Health sent notifications of the retirement on March 31, 1957, of five members of the Pharmaceutical Standing Advisory Committee and of members of the Central Health Services Council, and asking for nominations. The Council deferred its decisions.

Mr. Kenneth Brook was nominated as the representative of the Society to fill a vacancy on the [East Midlands] Advisory Panel for the Chemical Industry caused by the resignation of Mr. B. A. Bull.

Finance Committee

The Council approved the secretary's action in making payments amounting to £3,103 and the treasurer's in paying accounts amounting to £31,454.

Law Committee

The Law Committee reported that, in September, the Society's inspectors and agents had visited 1,369 authorised sellers, 168 listed sellers and 572 drug-store proprietors and similar traders. Eighteen cases of alleged infringements of the Pharmacy Acts were considered, and action taken. The Council decided to make representations to the Poisons Board for the inclusion of salts of methylpentynol in the Fourth Schedule to the Poisons Rules.

FIFTY YEARS AGO

A SORT OF POLICE FORCE

From the C. & D., November 17, 1906

BRITISH pharmacy, as an independent art, science, profession, or industry, can hardly hope to accumulate a century's chronicles. Pharmaceutical progress was no doubt helped occasionally in England in the days of the apothecaries, but precious little by them. Such advances as were made in England were due to foreigners, alchemists, herbalists, and compounders of quack remedies. But corporate as distinguished from sporadic pharmacy cannot be traced further back than the foundation of the Pharmaceutical Society in 1841, and the most sanguine of vaticinators will hardly dare to anticipate its survival for another generation. It was the Pharmacy Act of 1852 which first set apart and "sealed," as the Mormons say, a little cluster of men who were in the true sense pharmacists; men who regarded their calling as something a little beyond a mere means of livelihood. The records say that Jacob Bell was keenly disappointed with the Act which he had won. He had aimed at a much more comprehensive measure. But, like all conscientious workers, he had builded better than he knew. From our present vantage ground we can see that in attracting from the miscellaneous crowd of persons who called themselves chemists and druggists a select group of pharmaceutical chemists, and in securing for them statutory recognition and protection of that designation, he had, in fact, created an organism, inspired it with vitality, and provided for it a suitable environment. That was the sort of Pharmaceutical Society which might have evolved a really creditable British pharmacy—a profession which would have compared satisfactorily with its peers of the Continent. The development of the Society in 1868 into a sort of police force, with the Privy Council as

its controller and arbiter, was probably inevitable, and perhaps was for the greatest good of the greatest number, for no doubt the mass was leavened by the new law; but it is undeniable that the earlier ideal was sacrificed to it. The Act of 1898, for which, by the irony of fate, Jacob Bell's commercial descendant was nominally responsible, gently registered the historic failure of the earlier achievement.

A Chartered Accountant gives answers to ANY BUSINESS QUESTIONS?

In each year since I had it the disallowance in respect of the use of my car in the business has been agreed with the inspector of taxes on the basis of the estimated private use in relation to total mileage during the year. The fraction has varied from year to year and the proportionate disallowance varied accordingly. If I now sell the car, what is the position?

WHERE there is the sale of an asset on which allowances have been agreed, the proceeds of sale must be compared with the written-down value (the cost of the asset less the allowance computed each year). If the asset realises more than its written-down value, the excess allowances are "paid back" by means of a balancing charge made on the taxpayer. That charge may be included in the assessment or deducted from the cost of replacement on which further allowances are calculated. If the asset realises less than the written-down value, then an additional allowance is given. If, as in this case, the allowances granted during the use of the asset are restricted to business use, then a similar restriction of the balancing charge or allowance must be made. Thus, if the allowance during use was disallowed by 10 per cent., any balancing charge would also be reduced by 10 per cent. Private use having varied, an average of the percentage private use agreed over the years concerned would be taken, and the mean applied to reduce the balancing charge or allowance.

Will you confirm or correct that interest up to £15 credited on savings accounts at either the Post Office or the Trustee Savings Bank is free of tax? Interest on bank deposit account is presumably taxable. Is there any right of carry-forward, if interest is less than £15?

THE total interest received from all savings accounts is exempt from income-tax up to £15 in any one year. The exemption, however, is given both to a wife as well as to a husband. There is no right to increase the exemption limit subsequently if interest is less than £15 in any tax year. Exemption applies only to income-tax and not to surtax. Moreover, the interest, for purposes of assessing the surtax, is "grossed," that is, £15 interest free of income tax is equivalent to £26 interest less income tax at 8s. 6d. in the £. Surtax is assessed on the equivalent gross figure of the interest. Interest received on bank accounts is ordinarily subject to tax.

MEDICAL ABSTRACT EDEATES AND PLUTONIUM EXCRETION

CALCIUM edetate and disodium calcium edetate are well-known as effective agents in removing toxic heavy metals from the body deposits. They also chelate and promote the excretion of yttrium, zirconium, radium and plutonium, but not, unfortunately, radio-strontium 90. Foreman and colleagues (*Proc. Soc. exp. Biol., N.Y.*, 1955, **89**, 339) have compared the efficacy of calcium edetate and zirconium citrate in promoting the excretion of tetravalent plutonium in rats. One group of animals was treated with intravenous Pu, followed by four doses daily of 100 mgm. of calcium edetate intraperitoneally. A second group received 20 mgm. of zirconium citrate in place of the edetate, while a third received both antidotes simultaneously. Injections were given for five days, then for a further three days after a two-day rest. The urine and faeces of the animals were examined regularly for plutonium. On the sixteenth day the animals were killed, and their bones and other tissues assayed for Pu. Calcium edetate increased Pu excretion by 50 per cent., while zirconium citrate increased it only by 10 per cent. The addition of sodium edetate to the calcium compound did not increase its efficacy. In the Zr and combined treatments, Pu was mobilised from bone to soft tissue; calcium edetate effectively mobilised skeletal Pu, but not deposits in muscle.

TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

LONDON, NOVEMBER 14: A fair amount of business was done in CRUDE DRUGS during the week, buyers being more inclined to cover their requirements for some months ahead than they had been for some time previously. Price movements, however, were not numerous and were restricted to commodities that were in short supply on the spot, and for which the replacement position was obscure through the closing of the Suez Canal.

Jamaican GINGER is virtually cleared on the spot, and shipment offers of new crop are awaited; such forward offers as have been received so far are believed to have come from speculators. GUM ACACIA, after its sharp rise of the previous week, eased slightly. Trinidad TONQUIN BEANS were marked up, but Para beans are still not offering. Chinese MENTHOL was dearer, and the origin was disinclined to do business at the moment.

Export orders from soft-currency areas for IPECACUANHA, CASCARA SAGRADA, SENECA, and TOLU and PERU BALSAMS are being held up pending the receipt of export licences. It is understood that the annual quota fixed by the Board of Trade for those dollar-costing drugs has been exhausted, and there is little likelihood of licences being issued before the new quota becomes available in January 1957.

In PHARMACEUTICAL CHEMICALS, imported QUINIDINE and its salts were reduced in price. Nine more chemicals, including DIACETYLL and PROPYL THIOURACIL and THIOURACIL, have been exempted from Key Industry Duty.

Among ESSENTIAL OILS the price of LEMONGRASS eased by at least one shilling per lb. on the spot, and by a similar amount for prompt shipment. Most other oils were unchanged. English-distilled CLOVE is expected to be dearer shortly.

Pharmaceutical Chemicals

ACETIC ANHYDRIDE.—10-ton lots are now quoted at £130 per ton, delivered U.K. in returnable drums; 1-ton lots, £132.

ATROPINE.—Rates (per oz.) for 16-oz. lots are: ALKALOID, 23s. 6d.; SULPHATE, 19s. 6d.; METHONITRATE, 26s. 6d.; METHYLBROMIDE, 25s. 6d. Quotations for 1-oz. lots are 1s. 6d. above those rates.

BENTONITE.—Offers of B.P. material are about £70 per ton as to quantity.

BENZYL BENZOATE.—1-ton lots of B.P. grade are 4s. 6d. per lb.

BRUCINE.—ALKALOID is from 1s. 2d. to 1s. 6d. per oz. and NITRATE and SULPHATE from 1s. 1d. to 1s. 5d. per oz. (100-oz. and 250-oz. respectively).

CALAMINE.—1-cwt. lots are 1s. 10½d. per lb.; 10-cwt., 1s. 9d.

CALCIUM CARBONATE.—B.P. light-precipitated powder is £29 per ton, ex store. Minimum 1-ton lots.

ERGOMETRINE.—For 20-gm. lots the price of the MALEATE, B.P., is £21 10s. per gm., and the TARTRATE, £20 per gm.

GLYCEROPHOSPHATES.—Rates per lb. for 1-cwt. lots are as follows:—ACID, B.P.C., 20 per cent., 5s. 9d.; CALCIUM, soluble B.P.C., 11s. 9d.; IRON, B.P.C., scale, 15s. 9d. and powder, 14s. 9d.; MANGANESE, soluble, B.P.C., 14s. 3d., and insoluble, 7s. 6d.; MANGANESE, B.P.C., 26s. 3d.; POTASSIUM, 50 per cent., B.P.C., 3s. 9d. and 75 per cent., B.P.C., 5s. 6d.; SODIUM, 50 per cent., B.P.C., 3s. 1d. and 75 per cent., B.P.C., 4s. 6d.

GLYCERIN.—Rates for pharmaceutically pure are as follows:

Annual purchases or spot lots of	Under 1-cwt.		5-cwt. and under 1-ton		1 ton and under 5 tons		5 tons and under 25 tons	
	Per cwt.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
FINS	14-lb.	241	0	236	6	232	6	228
	28-lb.	239	0	234	6	220	6	226
	56-lb.	235	0	230	6	226	0	223
DRUMS	1-cwt.	—	214	6	210	6	206	0
	2½-cwt.	—	211	6	208	0	203	6
	5-cwt.	—	—	—	207	6	203	0
	10-cwt.	—	—	206	6	202	6	201

For 25 tons and upwards the price is from 200s. to 225s. 6d. as to containers. Bulk deliveries in tank wagons from 197s. 6d. to 198s. 6d. Pale straw industrial glycerin, s.g. 1·260, is 5s. per cwt. less than the above.

GUAIACOLS.—LIQUID, B.P. is 16s. 3d. per lb. for 28-lb. lots; CRYSTALS, 16s. 9d.; CARBONATE, 18s. 3d.

HOMATROPINE.—Current rates (per oz.) for 16-oz. lots are now: ALKALOID, 28s. 6d.; HYDROBROMIDE, 23s. 6d.; HYDROCHLORIDE, 27s. 6d.; METHYLBROMIDE, 24s. 6d. 1-oz. rates are 1s. 6d. per oz. above those rates.

HYDROGEN PEROXIDE.—Carboy lots of 20 vols. are 5s. per gall. The 35 per cent. (by weight) is 158s. per cwt. in 1-cwt. carboys.

HYPOPHOSPHITES.—Prices per lb. are as follows:—

	7 lb.	28 lb.	1 cwt.
	s. d.	s. d.	s. d.
CALCIUM	6 4	5 11	5 6
IRON ..	13 3	12 9	12 3
MAGNESIUM ..	10 4	9 11	9 6
MANGANESE ..	13 6	13 0	12 6
POTASSIUM ..	8 7	8 2	7 9
SODIUM ..	7 1	6 8	6 3

IRON SALTS.—SULPHATE, B.P. crystals are 8½d. per lb. in 28-lb. lots; 1-cwt. is 51s. 3d. per cwt. and 5-cwt., 48s. 9d. per cwt. Granulated and peat crystals are 2s. 6d. per cwt. more; SULPHATE, EXSICATED is 1s. 3d. per lb. for 28-lb., 1-cwt., 111s.; 5-cwt., 107s. per cwt., 1-cwt. fibre kegs free, other packages extra. PHOSPHATE, SACCHARATED, B.P.C., 28-lb. lots are 3s. 6d. per lb. OXIDE, RED PRECIPITATED, B.P.C., 1-cwt., 1s. 11½d. per lb.; CARBONATE, SACCHARATED, B.P.C., 28-lb., 3s.; 1-cwt., 2s. 8d. AMMONIUM SULPHATE, 1-cwt., 1s. 6½d. per lb.

ISOPRENALEINE SULPHATE.—B.P. is 1s. 3d. per gm. for 1,000-gm. lots and 1s. 9d. per gm. for 100-gm. lots.

KAOLIN.—In 1-cwt. bags LIGHT is quoted at 60s. per cwt. and 1-ton lots at 57s.

LACTATES.—CALCIUM, B.P., is 2s. 9d. per lb. in 5-cwt. lots and 2s. 10d. in 1-cwt. lots; CALCIUM SODIUM for similar quantities is 4s. 5d. and 4s. 6d. per lb.; and SODIUM, B.P., 1932, from 2s. 10d. to 3s. 7d. as to quantity.

LACTIC ACID.—B.P. is 4s. 3d. per lb. for 12-winchester lots and 3s. 10d. for 5-cwt. lots.

MAGNESIUM CARBONATE.—Minimum bulk rate for LIGHT is 121s. per cwt.; HEAVY is 160s. per cwt. for 5-cwt. lots and about 135s. per cwt. for 1-ton lots, delivered U.K.

MAGNESIUM OXIDE, B.P.—Bulk rates are as follows:—LIGHT, 3s. 3d. per lb., and HEAVY, 5s. 10d. per lb.

MAGNESIUM SULPHATE.—Quotations for B.P. in minimum 1-ton lots vary between £17 10s. and £20 per ton according to size of crystal and manufacturer. EXSICATED is £37 2s. 6d. per ton. All ex works.

MAGNESIUM TRISILICATE.—In 28-lb. packages the prices (per lb.) are now as follows:—28-lb., 4s. 9½d.; 1-cwt., 3s. 10d.; 5-cwt., 3s. 7d.; 1-ton, 3s. 1d.

MERCURY DERIVATIVES.—Quotations (per kilo) for 50-kilo lots are as follows:—AMMONIATED, B.P. lump or powder, 60s.; PERCHLORIDE, B.P., powder, 52s. 6d. and lump, 53s. 6d.; SUBCHLORIDE (calomel) B.P., 61s., OXIDES, B.P.C., levigated or yellow, B.P., 63s. 6d.

METOL.—In 1-cwt. lots the price is 24s. 6d. per lb.; 28-lb., 25s. 6d.; 14-lb., 27s.; 7-lb., 28s.

OXALIC ACID.—Manufacturers' rates for 1-ton lots are from £129 per ton, delivered.

PHENYTOIN SODIUM.—B.P. is 23s. per lb. in 1-cwt. lots.

PHOSPHORIC ACID.—B.P. (s.g. 1·750) is quoted at 1s. 4d. per lb. in 10-carboy lots, 1-2 carboys, 1s. 8d. per lb. B.P. 1914 is quoted from 1s. 2d. to 1s. 6d. per lb. HYPOPHOSPHOROUS, B.P.C., in winchesters is from 5s. 9d. to 6s. 10½d. per lb., as to quantity.

POTASSIUM ACETATE.—B.P. is 2s. 10d. per lb. in 1-cwt. lots.

POTASSIUM SULPHATE.—1-cwt. lots are from 1s. 2d. to 1s. 3d. per lb.

PROCAINE HYDROCHLORIDE.—1-cwt. lots are from 3s. per lb.

QUININE.—Makers' nominal rates (per oz.) for 100-oz. lots and over are:—ALKALOID, 3s. 10d.; ACETYL SALICYLATE, 5s. 4d.; BISULPHITE and SULPHATE B.P., 1932, 2s. 8d.; SULPHATE, B.P. 1948 3s.; DIHYDROBROMIDE and DIHYDROCHLORIDE, 3s. 10d.; FORMATE, 4s. 8d.; GLYCERO-PHOSPHATE, 4s. 5d.; PHOSPHATE, 4s. 4d.; HYDROBROMIDE and HYDROCHLORIDE, 3s. 5d.; SALICYLATE, 3s. 11d.; QUININE and UREA HYDROCHLORIDE, B.P.C., 4s.; TANNATE, 2s. 7d.

QUINIDINE.—Duty-paid prices for Dutch material are as follows:—

Home Trade	500-oz. or more	100-400-oz.
	per oz.	per oz.
QUINIDINE	s. d.	s. d.
ALKALOID ..	7 6	7 8
GLUCONATE ..	8 10½	9 1
HYDROBROMIDE ..	6 2	6 4
HYDROCHLORIDE ..	6 4	6 6
SULPHATE ..	5 8	5 9½
HYDROQ. INIDINE ..	10 7	10 10
HYDROCHLORIDE ..	8 1	8 4

For export quinidine alkaloid (crystals) ranges from £11 17s. 3d. to £12 2s. 4d. per kilo and sulphate from £9 to £9 5s. 1d.

RESORCINOL.—1-cwt. lots are now quoted at 13s. per lb. by manufacturer.

SALICYLAMIDE.—Price (per lb.) for 1-cwt. lots is 8s. 6d.

STILBOESTROL.—1-kilo lots of B.P. and PROPIONATE are 730s. per kilo.

SULPHOCARBOLENES.—SODIUM PHENOL-SULPHONATE, B.P.C. (powder) is 5s. 6d. per lb. in 1-cwt. lots and ZINC, B.P.C., is 5s. 6d.

SULPHUR.—B.P. PRECIPITATE is from £110 to £120 per ton, as to quantity, delivered U.K.

TEREBINTH.—B.P. is 2s. 3d. per lb.

TERPIN HYDRATE.—Prices are from 5s. per lb., upwards as to quantity.

Crude Drugs

ACONITE. — Spot supplies of Spanish *napellus* are 3s. 9d. per lb., duty paid.

AGAR. — *Kobé* No. 1 is from 12s. 6d. per lb., duty paid for shipment, 11s. 3d., c.i.f. New-crop, January-March 1957, 10s. 6d., c.i.f.

ALOES. — Prime Cape for shipment is valued at 32s. per cwt., c.i.f.; spot, 34s. Curacao, 35s., spot, and 36s., c.i.f.

ANTIMONY. — English 99·6 per cent. is £222 10s.; 99 per cent., £210 per ton.

BENZOIN. — Sumatra block on the spot is from £25 to £30 per cwt. No. 1 for shipment is £23 5s., c.i.f. Almonds, 15s. per lb., c.i.f.

CAMPHOR. — B.P. POWDER is from 5s. 3d. per lb., duty paid. TABLETS, 4-oz. are 5s. 10d., c.i.f., and 6s. 4½d., spot.

CAPSICUMS. — East African off stalk are 17s. to 17s. per cwt. on the spot.

CASCARILLA. — Spot market bare. New crop, February-March 1957, 2s. 2d. per lb. nominal.

CHILLIES. — Mombasa on the spot are 25s. per cwt.

CLOVES. — Zanzibar on the spot are now quoted at 3s. 5½d. per lb.; prompt shipment, 3s. 2d., c.i.f. Madagascar, 3s. 1d., c.i.f.

COCHINEAL. — Black-brilliant is 26s. 6d. per lb. on the spot; grey-black, 17s. 6d. Peruvian silver-grey, 13s. 9d., landed terms.

GALANGAL. — No. 1 root is quoted at 52s. 6d. per cwt., c.i.f.

GINGER. — African on the spot is 220s. per cwt. Jamaican is unobtainable on the market and new-crop shipment offers are awaited.

GUM ACACIA. — Kordofan cleaned sorts on the spot are 150s. per cwt., and shipment, 133s., c.i.f.

HONEY. — Australian light-amber is 142s. 6d. and medium-amber, 137s. 6d.; Argentine, 145s.; Jamaican, 147s. 6d. to 152s. 6d., all per cwt., on the spot.

HYDRASTIS. — Spot root now offering at 28s. per lb., with shipment at 27s., c.i.f.

IPECACUANHA. — (Per lb.) Colombian, afloat, 46s. 6d., c.i.f., spot nominal, no shipment offers. Matto Grosso, 46s., spot, no shipment offers. Nicaraguan, spot, 56s., shipment at 53s., c.i.f. Costa Rican, 55s., c.i.f.

KARAYA. — No. 1 gum on the spot is now quoted at 285s. per cwt., and No. 2 at 235s.

KOLA NUTS. — Jamaican are offered at about 8d. per lb., spot, and 6½d., c.i.f. African, 5½d.

LIQUORICE. — Natural root is short on the spot; Anatolian is 47s. 6d. per cwt. Russian for shipment is 47s., c.i.f. Block juice: Anatolian, 200s. per cwt.; Chinese and British, 180s. on the spot. Italian stick from 310s. to 476s. per cwt. Spray-dried extract, 2s. 9d. per lb.

MACE. — Whole on the spot is 24s. 6d. per lb.

MENTHOL. — Chinese is 51s. per lb. duty paid. November shipment, 47s., c.i.f. Brazilian, spot, 45s. 6d., duty paid, and 41s. 6d., c.i.f.

NUTMEGS. — Dearer. West Indian 80's are not quoted; unassorted, 9s. 6d. per lb.; wormy and broken, 7s. 9d., bid.

ORANGE PEEL. — West Indian bitter quarters are 11d. to 1s. per lb.; Spanish, 1s. to 1s. 3d.

PAPAIN. — Spot value of East African is 28s. per lb. for grade 1.

PEPPER. — Dearer. White Sarawak is 2s. 8d. per lb. on the spot, with November shipment about 2s. 5d., c.i.f. Black Sarawak is offering on the spot at 2s. 1d. per lb.; afloat, 1s. 10½d., c.i.f. Black Malabar, 300s. per cwt. on the spot; November shipment, 237s. 6d., c.i.f.

PODOPHYLLUM. — *Emodi* is quoted at 145s. per cwt. ex wharf. *Peltatum*, 47s., landed.

QUASSIA. — Chips are 42s. 6d. per cwt. on the spot.

QUILLAIA. — Spot offers of bark at 220s. per cwt. with shipment nominally 205s., c.i.f.

SEEDS. — (Per cwt.) **ANISE.** — Tunisian, 210s., in bond; Spanish, 250s., duty paid.

CARAWAY. — Dutch remain firm at 155s., duty paid, and 117s. 6d. f.o.b., Holland.

CELERY. — Indian is nominal at 175s. on spot. For shipment 135s., c.i.f., quoted.

CORIANDER. — Market steady. Spot Moroccan, nominal, 95s.; Rumanian, 75s.; both duty paid. Shipment Moroccan easier at 70s., c.i.f.

CUMIN. — Steady with small business passing on spot and for shipment. Spot, Cyprian, 132s. 6d.; Iranian, 115s., in bond, and 125s., duty paid.

DILL. — Indian unchanged at 65s., spot. Business passing in shipment at 52s. 6d., c.i.f.

FENNEL. — Indian is still in short supply, 97s. 6d. now quoted on spot. **FENUGREEK.** — Small business reported on spot in Indian at 70s., and Moroccan at 67s. 6d., duty paid.

MUSTARD. — English, 60s. to 82s. 6d., according to quality. **SENEGA.** — Spot is 19s. per lb. with shippers asking 19s., c.i.f.

SHELLAC. — F.O.T.N., 350s. per cwt.; F.O. No. 1, 355s.; fine orange, 370s. to 420s.

STRAMONIUM. — Indian LEAVES are 70s. per cwt., and European 80s. on the spot.

TONQUIN BEANS. — Para frosted are cleared on the spot. Trinidad are offered at 9s. 6d. per lb.

TURMERIC. — Madras finger on the spot is 85s. per cwt. with prompt shipment quoted at 77s. 6d., c.i.f. New-crop, March-April 1957, 64s., c.i.f.

VALERIAN ROOT. — Indian on the spot is 140s. per cwt. Dutch (December shipment), 187s., c.i.f.

Essential and Expressed Oils

ALMOND. — B.P. imported oil is 11s. per lb.; British, 13s. to 13s. 6d.

AMBER. — Rectified on the spot quoted at from 1s. 6d. per lb.

ANISE. — Chinese, 13s. 6d. per lb., spot, 12s. 6d., c.i.f.

BAY. — West Indian is 10s. 6d. per lb. on the spot.

BERGMOT. — Spot quotations are now 68s. per lb.

BIRCH TAR. — Rectified is about 14s. per lb. in 1-cwt. lots.

BOIS DE ROSE. — Brazilian is 26s. 6d. per lb. on the spot and 25s. 9d., c.i.f.

CADE. — Spanish is 3s. 9d. per lb. for drum lots.

CAJUPUT. — Spot supplies are from 13s. 6d. per lb.

CAMPHOR, WHITE. — Chinese is 2s. 4½d. per lb., duty paid.

CANANGA. — Spot is from 54s. to 58s. per lb.

CARAWAY. — English-distilled is offered at 55s. and imported from 27s. 6d. to 28s. 6d. per lb., duty paid.

CARDAMOM. — Price per lb. is from 350s. for English-distilled and from 265s. to 295s. for imported.

CASSIA. — Original drums are about 13s. 3d. per lb. on the spot. Shipment, 13s., c.i.f.

CEDARWOOD. — 1-cwt. lots of American are 6s. 3d. per lb., and Kenya, 5s. 9d.

CELERY SEED. — Oil is 95s. per lb. for bulk lots.

CHENOPODIUM. — Spot oil available at from 33s. 6d. per lb. Shipment is nominal.

CINNAMON. — From quillings, English-distilled is quoted at 30s. per oz. Other

B.P. oils available down to 90s. per lb. Ceylon leaf, crude, 14s. 6d.; rectified, 27s. 6d. per lb., spot.

CITRONELLA. — Ceylon, spot, 6s. 9d. per lb., afloat, 6s. 6d. per lb.; forward shipment, 5s. 10½d., c.i.f. Formosan for shipment is from 9s. to 9s. 3d. for afloat, c.i.f.; spot, 10s. in bond.

CLOVE. — Madagascar leaf is 8s. 9d. per lb., duty paid and 7s. 6d., c.i.f. for shipment. Rectified B.P., 17s. 6d.; 87-88 per cent., 12s. Distilled bud oil, English, 32s. 6d. to 35s.

COD-LIVER. — B.P. is 11s. 6d. per gall. in charged returnable drums. Veterinary, is from 9s. 6d. per gall.

CORIANDER. — Russian-seed oil is quoted from 80s. to 90s. per lb.

CUBEB. — Spot price is from 45s. per lb.

CUMIN. — Quotations for English-distilled oil are about 102s. per lb. and imported 57s. 6d.

DILL. — B.P. English-distilled oil is from 70s. per lb. with imported from 35s. 6d. per lb.

EUCALYPTUS. — Australian 70 to 75 per cent. eucalyptol on the spot is 5s. 8d. per lb.; 80 to 85 per cent., 6s. 4d. Spanish 70 to 75 per cent. at 4s. 11d., duty paid. Portuguese 70 to 75 per cent., 4s. 4d., duty paid, November delivery. Chinese type, 4s. 3d., duty paid.

FENNEL. — Spanish sweet on the spot is quoted at 12s. per lb. with Russian at 20s.

GARLIC. — English is 55s. per oz. on the spot.

GERANIUM. — Bourbon is from 97s. 6d. per lb. on the spot and Algerian, 77s. 6d.

GINGER. — English-distilled oil is 205s. per lb. Imported oils are 165s. for Jamaican and 87s. 6d. for Chinese, duty paid.

GRAPEFRUIT. — Jamaican is 15s. per lb.; South African, 12s.

HYATTA. — Formosan, minimum 90 per cent. saffrole, 4s. 10½d. per lb., spot.

HYDNOCARPUS. — Spot is about 2s. 2d. per lb.

JUNIPER BERRY. — Czechoslovakian oil (B.P.C.), 15s. 6d. per lb. and Jugo-Slavian, 14s. on the spot. English-distilled is 155s.

LAVENDER SPIKE. — Firm. Spanish is offered from 14s. 6d. to 15s. per lb. on the spot.

LEMONGRASS. — Spot is now 11s. per lb., and shipment, 10s., c.i.f.

PALMAROSA. — East Indian, 52s. 6d.; spot; 46s., c.i.f.; Formosan, 40s.

PEPPERMINT. — *Arvensis*: Chinese is 31s. 6d. per lb. on the spot and 28s. 9d., c.i.f. Brazilian, 23s., spot, and 22s., c.i.f. Formosan, 19s. 3d., c.i.f.; spot, 20s. Italian "Mitcham" type oil on the spot is 57s. 6d.; American, 38s.

PETITGRAIN. — Paraguay, spot, 23s. 6d. to 24s. 6d. per lb., as to brand.

PINE. — *Pumilonis* on the spot is from 16s. per lb.; *sylvestris*, 25s. Siberian (*abietis*), 12s. 6d. to 15s.

THYME. — Spot is from 9s. to 14s. per lb., according to content.

UNITED STATES REPORT

NEW YORK, NOVEMBER 13: DRUGS and FINE CHEMICALS remained steady during the week. *laevo* MENTHOL was up 25 cents to \$6.25 per lb. Scarcity was still evident among many BOTANICALS. Higher per lb. among ESSENTIAL OILS were CARAWAY at \$3.65 (up 15 cents); LEMONGRASS, \$1.75 (10 cents); and Egyptian GARLIC, \$4.75 (\$1). Small lots of Hungarian CORIANDER are being held at \$16 per lb. Lower were PATCHOULI at \$5.50 (down 40 cents) and PALMAROSA at \$8.25 (25 cents).

WORLD TRADE

Burma: General Licence Extended.—The Government of Burma has issued an open general licence, effective since November 1, covering (among other goods) tooth-pastes; powder and solid dentifrices; talcum and baby powders; toilet papers; strained baby foods and milk foods for infants; empty glass bottles; corks; feeding bottles, teats and valves; baby soothers; sensitised photographic plates, papers and films, excluding cinematograph films (not exposed).

West German Chemical Exports.—West German exports of chemical products amounted to DM1,820 millions in the first half of this year, compared with DM3,400 millions for the whole of 1955. Exports to European buyers accounted for 62·6 per cent. of all chemical exports in the period under review, compared with 61·5 per cent. in 1955. Exports to north and central Canada amounted to almost DM17 millions in the first half of this year (about twice as much as in the same period in 1955). Holland, which imported DM121,600,000 worth of chemical goods from West Germany, remained the best European customer; followed by France (DM112 millions), then Britain (DM104 millions).

Pharmaceutical Manufacture in Bermuda.—Merck-Sharp & Dohme (International), Ltd., has become the first company to be granted a licence in the free port area of Bermuda. The Governor, at the opening ceremonies recently, said that Bermuda which was outside the "rather fierce taxation grip of the old world and not quite within the less serious and less fierce taxation of the new," offered manufacturers tax-free facilities for production of their goods. Mr. John T. Connor (president, Merck & Co.) thought the legislation establishing a free port was an example of statesmanship badly needed in a world that depended so much upon international trade. He hoped that the new plant and operations would attract other companies to Bermuda.

WILLS

MR. R. ATKINSON, 25 Ash Grove, Stakesby Road, Whitby, Yorks, who qualified as a chemist and druggist in 1921, left £7,107 (£7,026 net).

MR. L. H. BARTON, F.P.S., 4 Shaw Close, Sanderson, Surrey, left £25,089 (£25,015 net).

MR. J. E. GAIGER, M.P.S., 530 Kettering Road North, Northampton, left £823 (£777 net).

MR. A. GILLIS, M.P.S., 12 Dunelm, Sunderland, left £7,327 (£7,281 net).

MR. J. GUTHRIE, M.P.S.N.I., 335 York Street, Belfast, left estate in England and Northern Ireland valued at £13,128.

MR. F. HAWORTH, M.P.S., 24 Acres Road, Bebington, Ches, left £974 (£927 net).

MR. W. MARTIN, M.P.S., 109 Preston Street, Hulme, Manchester, left £13,170 (£10,996 net).

MR. J. S. NOWELL, Hawthorns, Beaucroft Lane, Colehill, Wimborne, Dorset (formerly of Chalkwell Park Drive, Leigh-on-Sea), who qualified as a chemist and druggist in 1902, left £7,183 (£7,063 net).

MR. W. J. PEACOCK, M.P.S., 23 Vincent Road, Sittingbourne, Kent, left £10,031 (£9,972 net).

MR. W. E. SELLERS, M.P.S., 71 Speldhurst Road, Bedford Park, London, W.4, left £2,232 (£1,651 net).

MR. M. A. SIMMONS, M.P.S., Central Pharmacy, Leyland, Lancs, left £52,557 (£50,752 net).

EFFECT OF DDT ON MAN

"Large safety factor" finding in U.S. investigation

AN investigation into the effect of known repeated oral doses of dicophane (DDT) in man is reported in the *Journal of the American Medical Association*, October 27 issue. Results indicate that there is a large safety factor associated with DDT as it now occurs in the general diet. The practical importance of the problem is evident from the fact that a greater tonnage of DDT than of any other insecticide is used in agriculture, that DDT occurs regularly in prepared meals, and that it is stored in the fat of most persons in the general population. The investigation was conducted with the objectives of studying possible clinical effects of different dosage levels, of determining the relationship between oral dosage and storage of DDT-related compounds in adipose tissue at equilibrium and of determining the relationship between oral dosage of DDT and urinary excretion of DDT-derived materials. Selected prisoner volunteers were used for the study and while the highest dosage rate given (0·5 mgm. per kilo of body-weight daily) was two hundred times greater than the dosage to which the general population is exposed, it was

five times less than the smallest dose-age estimated to cause transient mild sickness. Three groups were given varying concentrations of DDT in the form of a capsule containing recrystallised DDT while the other three groups employed in the test were administered with technical DDT formulated as an emulsion. During the entire study—which lasted in some cases up to eighteen months—no volunteer complained of any symptoms or showed, by the tests used, any sign of illness related to exposure to DDT. Fat samples for the determination of DDT derived-compounds were obtained by biopsy using local procaine anaesthesia. The storage of DDT in man was found to be proportional to dosage although there was an unexplained difference in the 3:2 storage of recrystallised compared with technical DDT. At the dosage used human males achieved maximum storage of DDT in about a year, thereafter storing no more despite continued intake. The excretion of DDT derivatives in urine was also found to be proportional to dosage, making an objective measurement of DDT absorption possible.

TRADE MARKS

APPLICATIONS ADVERTISED BEFORE REGISTRATION

From the "Trade Marks Journal," October 31
For insecticides, fungicides and weed-killing preparations (5)

BUTEREX, 755,926, by Bayer Agriculture, Ltd., London, S.W.1.

For deodorants, disinfectants, antiseptics, bactericides, and sanitary substances (5)

DREACH, 756,566, by Domestos, Ltd., Newcastle-on-Tyne.

For pharmaceutical preparations and substances; infants' and invalids' foods and dietic foods (5)

NUTRO-DRIP, 756,943, by Dr. A. Wander, S.A., Berne, Switzerland.

For pharmaceutical preparations and substances for veterinary use (9)

LICKAMED, 756,982, by Ashe Laboratories, Ltd., Leatherhead, Surrey.

For photographic apparatus and instruments, etc. (9)

SUNBEAM, 741,701, by Sunbeam Corporation, Chicago, U.S.A. NIZO, 756,388, by Niezoldi & Kramer, G.m.b.H., Munich, Germany.

For tooth-brushes (21)

TOOTHMATE, B755,211, by Hans Lowenthal & Sidney Reuben Bright, London, W.1.

For combs, comb cases, toilet powder blowers and sprayers, glassware, bottle stands (not of precious metal or coated therewith), brushes, shaving dishes and pots, shampooing syringes, perfume sprayers, powder puffs, sponges, toilet articles sold in sets in fitted cases and perfume burners (21)

CHANEL, B755,407, by Parfums Chanel, Ltd., Croydon, Surrey.

From the "Trade Marks Journal," November 7
For photographically sensitised sheet material for use in producing images in relief (1)

UNIPRINT, 753,680, by Moritz Schnelling, London, E.4.

For all goods (1)

NUCRO, 755,906, by New Croydon Rubber Co., Ltd., London, S.W.16.

For chemical substances for use in photography and photolithography (1)

MICROSCRIBE, 757,093, by British Industrial Products, London, W.C.1.

For all goods (3)

Device of words JAMAL GIRL, 754,568, by

Sales Affiliates, Ltd., Boreham Wood, Herts.
For perfumes and perfumed toilet preparations, all non-medicated (3)

MY LOVE, 748,846, by Elizabeth Arden, Ltd., London, W.1.

For perfumes for export to British Guiana (3)
ZODIAC, 755,020, by A. Boake, Roberts & Co., Ltd., London, E.15.

For medicated and disinfectant soaps; perfumes, essential oils, non-medicated toilet preparations, cosmetics, etc. (3)

Device of an owl, 755,625, by C. J. Hewlett & Son, Ltd., Watford, Herts.

For perfumes, non-medicated toilet preparations, cosmetics, sachets for use in hair waving, and soaps (3)

DIANA-DUBARRY, SEVENTEEN-DUBARRY, 755,936-37, by Dubarry Perfumery Co., Ltd., Hove, Sussex.

For bleaching, cleaning, polishing, scouring and abrasive preparations; soaps, essential oils and dentifrices (3)

DOLORES, 755,872, by Dolcis, Ltd., London, S.E.1.

For lotions for the hair (3)
SCUTON, 757,127, by Boots Pure Drug Co., Ltd., Nottingham.

For vitamin preparations for pharmaceutical use (5)

INCREMIN, 750,096, by American Cyanamid Co., New York, U.S.A.

For sanitary napkins (5)

Device with words PETAL SOFT, 748,819, by Personal Products Corporation, Milltown, New Jersey, U.S.A.

For pharmaceutical preparations and substances for use in the treatment of intestinal complaints (5)

ENTERO-PIRISTINA, 750,254, by Carlo Erba S.p.A., Milan, Italy.

For disinfectants (5)
NOMAD, 751,796, by Borite, Ltd., Westerham, Kent.

For acetyl compounds being pharmaceutical preparations (5)

ACEFOCAUSTIN, 752,300, by Dr. L. C. Marquart, A.G., Beuel-on-Rhine, Germany.

COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of the week of insertion.

Sunday, November 18

ISLE OF WIGHT BRANCH, PHARMACEUTICAL SOCIETY, and ISLE OF WIGHT DIVISION, BRITISH MEDICAL ASSOCIATION, boardroom, St. Mary's hospital, Parkhurst, at 3 p.m. Discussion on "Common Problems."

Monday, November 19

ENFIELD CHEMISTS' ASSOCIATION, George inn, The Town, Enfield, at 7.30 p.m. Mr. D. G. Ardley on "Tranquillising Drugs."

FINCHLEY BRANCH, PHARMACEUTICAL SOCIETY, Bull and Butcher hotel, Whetstone, London, at 8 p.m. Mr. McNeil Love on "Your Operation."

LEICESTER PHARMACY STUDENTS' ASSOCIATION, room 104, Leicester College of Technology and Commerce, at 7 p.m. Dr. H. Davis (Ministry of Health) on "A Pharmaceutical Survey of the Gold Coast."

Tuesday, November 20

HARROW BRANCH, PHARMACEUTICAL SOCIETY, oak hall, Baptist Church, College Road, Harrow, at 8 p.m. Pharmaceutical "brains trust."

HOUNSLOW, WEST MIDDLESEX and WEMBLEY BRANCHES, PHARMACEUTICAL SOCIETY, Feathers hotel, Broadway, Ealing, London, W.5, at 8 p.m. Mr. W. F. Wilkinson (secretary, London Pharmaceutical Committee) on "Day-to-Day Pharmaceutical Problems of Topical Interest."

LONDON SECTION, ROYAL INSTITUTE OF CHEMISTRY, Medway College of Technology, Maidstone Road, Chatham, at 7 p.m. Professor J. M. Webster on "The History of Forensic Science in England."

WATFORD and ST. ALBANS BRANCH, PHARMACEUTICAL SOCIETY, Watrend Barn, St. Peter's Street, St. Albans, at 7.30 p.m. Annual dinner and dance.

Wednesday, November 21

BIRMINGHAM PHARMACEUTICAL ASSOCIATION and BRANCH, botanical gardens, Edgbaston, Birmingham, at 8 p.m. Dance.

BOURNEMOUTH, PORTSMOUTH and SOUTHAMPTON BRANCHES, PHARMACEUTICAL SOCIETY, Polygon hotel, Southampton, at 6 p.m. Regional Conference. Subjects: "Will the Educational Policy of the Society Meet the Needs of Future Pharmacy?" and "Who Speaks for Pharmacy?"

BURNLEY BRANCH, PHARMACEUTICAL SOCIETY, Thorn hotel, Burnley, at 7.45 p.m. Mr. M. Jackson (a member of the Society's Council) on "Current Pharmaceutical Problems."

CROYDON PHARMACISTS' ASSOCIATION and BRANCH, Greyhound hotel, High Street, Croydon, at 6.30 p.m. Annual dinner and dance.

EDINBURGH and SOUTH-EASTERN SCOTTISH BRANCH, PHARMACEUTICAL SOCIETY, Charlotte rooms, Edinburgh, at 7 p.m. Annual dinner and dance.

HULL BRANCHES, PHARMACEUTICAL SOCIETY, and NATIONAL PHARMACEUTICAL UNION, Regal cinema, Hull, at 8 p.m. Mr. A. Aldington (chairman, N.P.U.) on "The N.P.U. and Your Business Interests."

LIVERPOOL CHEMISTS' ASSOCIATION and BRANCH, Exchange hotel, Liverpool, at 8 p.m. Dance in aid of the Pharmaceutical Society's Benevolent Fund.

MICROCHEMISTRY GROUP, SOCIETY FOR ANALYTICAL CHEMISTRY, Feathers hotel, Tudor Street, London, E.C.4, at 6.30 p.m. Discussions on "The Micro-determination of Sulphur."

Thursday, November 22

BIRKENHEAD and WIRRAL PHARMACISTS' ASSOCIATION, Hulme hall, at 8 p.m. Dance.

BRADFORD BRANCH, PHARMACEUTICAL SOCIETY, Betty's café, Darley Street, Bradford, at 7.45 p.m. Make-up demonstration by Mr. P. Ronson (Max Factor Hollywood and London (Sales), Ltd.).

LEEDS BRANCH, NATIONAL PHARMACEUTICAL UNION, Great Northern hotel, Leeds, at 7.30 p.m. Mr. J. Charlton (superintendent, National Pharmaceutical Union central checking bureau) on "The Basis and Problems of N.H.S. Pricing."

Friday, November 23
LONDON SECTION, ROYAL INSTITUTE OF CHEMISTRY, chemical laboratory, Cambridge University, at 8.15 p.m. Dr. M. A. T. Rogers on "An Industrial Pilgrimage" (an account of research in the organic chemical industry).



PRIZE - WINNER AND ATTENDANTS: First prize in a Kleenex summer competition organised by Kimberley-Clark, Ltd., Highgate Road, London, N.W.5, went to Mrs. Alice Goldenfeld (fifth from left) seen here with film star Terence Morgan, who presented it, and four Kleenex girls.

PRINT AND PUBLICITY

COMMERCIAL TELEVISION

PROGRAMME details are given to enable chemists to put in linking-up displays if they wish. Notice given is as far in advance of the programme date as can be guaranteed by the broadcasting companies.

November 25-December 1

ALL STATIONS

SUNDAY: Philishave electric shaver; Yardley lipstick; Palmolive soap.
SATURDAY: Philishave shaver.

LONDON STATION

SUNDAY: Tru-gel; Coty 24 lipstick.
MONDAY: Beecham's powders.
TUESDAY: Tru-gel; Beecham's powders.
WEDNESDAY: Silvikrin shampoo; Anadin.
THURSDAY: Gibbs' S.R. tooth-paste; Beecham's powders; Tru-gel.
FRIDAY: Rolls' "super" razor blade; Yardley lipstick.
SATURDAY: Rilling Natural Set; Knight's Castile soap; Palmolive Rapid-shave; Potter's catarrh pastilles.
DAILY, Monday-Friday: Kleenex tissues; Silvikrin hair cream; Crookes' halibut-oil capsules; Brylcreem. Tuesday-Friday: Phenac. Wednesday-Friday: Veno's cough mixture.

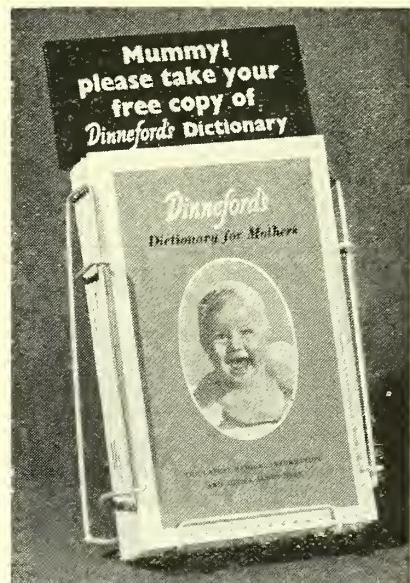
BIRMINGHAM STATION

SUNDAY: Moorland indigestion tablets; Gibbs' dentifrice; Knight's Castile soap; Anadin; Pacquin's hand cream; Coty 24 lipstick.
MONDAY: Crookes' hand cream.
WEDNESDAY: Gibbs' dentifrice; Crookes' hand cream.
THURSDAY: Gibbs' S.R. tooth-paste and dentifrice; Crookes' hand cream.

FRIDAY: Rolls' "super" razor blade; Gibbs' dentifrice; Crookes' hand cream.

SATURDAY: Penetrol inhalant; Yardley lipstick; Cussons' cold cream soap.

DAILY, Monday-Friday: Crookes' halibut oil capsules.



DICTIONARY FOR MOTHERS: Help-yourself wire-frame display stand for Dinneford's "Dictionary for Mothers," available through the distributors: Macleans, Ltd., Great West Road, Brentford, Middlesex.



COUNTER SPECIALITIES AND SHOWCARDS: Products and show material produced by Ayton, Saunders & Co., Ltd., 34 Hanover Street, Liverpool, 1.

NORTHERN STATIONS

SUNDAY: Moorland indigestion tablets; Knight's Castile soap; Anadin; Pacquins hand cream; Zoflora; Loxene medicated shampoo.
 MONDAY: Knight's Castile soap; Amami wave-set.
 WEDNESDAY: Phensic; Amami wave-set.
 THURSDAY: Zoflora; Yardley lipstick; Amami wave-set.
 FRIDAY: Phensic; Amami wave-set.
 SATURDAY: Penctrol inhalant; Yardley lipstick; Cussons' cold cream soap, Fennings' cooling powders, mothers' book, rheumatic tablets.
 DAILY, Monday-Friday: Beecham's pills; Silvixrin shampoo. Tuesday-Friday: Beecham's powders. Wednesday-Friday: Veno's cough mixture.

DISPLAY
Window Card

PHILIPS ELECTRICAL, LTD., Century House, Shaftesbury Avenue, London, W.C.2: Philips shave shaver.

PRESS ADVERTISING

COLEMAN & CO., LTD., Wincarnis House, Westwick Street, Norwich: Wincarnis, in national Sunday and daily newspapers; Burdon's Heavenly Cream sherry, in national newspapers and magazines; Vitacup, in *Daily Express*, *Daily Herald*, *Daily Sketch*, etc.; Gordon-Moore products, in magazines and national Press.

COTY (ENGLAND), LTD., 3 Stratford Place, London, W.1: Coty Christmas gifts. In women's leading magazines, large circulation provincial newspapers and national daily and Sunday Press (throughout December).

EUCRYL, LTD., 7 Oakley Road, Southampton: Danad vitamin pearls. In national Press for three months.

W.M. FREEMAN & CO., LTD., Barnsley, Yorks: Suba-Seal hot-water bottles. In *Daily Express*, *Daily Mirror*, *Daily Mail*, *News Chronicle*, *Daily Herald* (November and December).

GILLETTE INDUSTRIES, LTD., Great West Road, Isleworth, Middlesex: Gillette razors. In national Press.

PERIHEL, LTD., 27 Rabbit Row, London, W.8: Actinea sun lamps. In national newspapers and magazines (November-March 1957).

RILLING CO., 222 Borough High Street, London, S.E.1: Mystic Net spray, Natural Set, Life lacquer, Rilling barrier cream. In women's magazines during the months of November and December.

RIMMEL, LTD., 146 New Bond Street, London, W.1: Eye beauty preparations. In *Picturegoer* (December 1), *Vanity Fair* (December 10).



"TELEVISION" DISPLAYPIECE: One of a pair of showcards (B789 and B790), which are being produced for Brylcreem by County Laboratories, Ltd., Honeypot Lane, Stanmore, Middlesex, and now being distributed by the company's representatives. Each portrays a well-known head on a television screen and gives a prominent place to the four packs of the product.

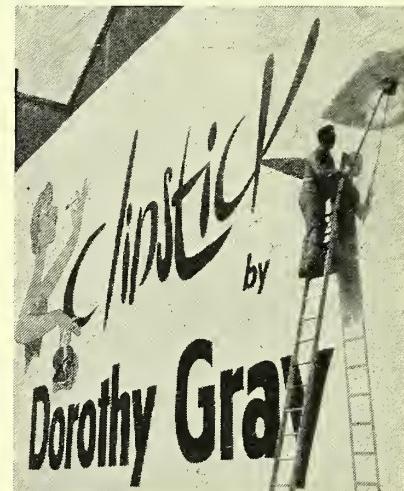
PUBLICATIONS

Price Lists

CIBA LABORATORIES, LTD., Horsham, Sussex: Pharmaceutical preparations. October. Pp. 8.
 GALE & MOUNT, LTD., Commerce Road, Brentford, London: October. Pp. 24.
 PHARMACEUTICAL SPECIALITIES (MAY & BAKER), LTD., Dagenham, Essex: Medical products (with descriptive notes). 1957. Pp. 102.
 POLAK & SCHWARZ (ENGLAND), LTD., 50 Great Cambridge Road, Enfield, Middlesex: Aromatic chemicals. October-December. Pp. 12.

Medical Propaganda

ROUSSEL LABORATORIES, LTD., 847 Harrow Road, London, N.W.10: Female hormone dosage indicator; "Sterogyl-15 for Chilblains" (leaflet); "Hydrocortisyl Skin Lotion and Cream" (6-p. folder); "Which One to Choose—Cortisyl,



FILM "TIE-UP": A "still" from the opening scene of the Rank Organisation film "Up in the World," starring Norman Wisdom. Made at the Pinewood Studios, the film is being released in December and will be seen throughout the world. Norman is shown pasting-up a 50 x 30 ft. poster for cosmetics, the manufacturers of which are Dorothy Gray, Ltd., Kingston Road, London, S.W.20.

C. & D. WEEKLY LIST OF PRICES

I.R.P.—Inclusive Retail Price; *—Tax 30 per cent.; †—Tax 90 per cent.

P.A.T.A. LIST

(Alterations notified this week by the Proprietary Articles Trade Association.)

CHESEBROUGH-PONDS, LTD. (new pack)
 Angel Face† Doz. I.R.P.
 23 4 4 6
 (The former pack retailing at 3s. 9d. has been discontinued.)

DELETIONS FROM THE LIST

JOHN PEPPER & CO., LTD.
 Bunter's Nervine and Dentine; Kaye's Worsdell's pills; Keene's one night corn cure; Keene's one night cold cure.

NEW PRODUCTS AND PACKS

THE ARMOUR LABORATORIES
 Cobevit (and one vial of solvent) Each 5 0 7 6

CINE ACCESSORIES CO.
 Cine-Vue 8-mm. movie viewer 84 0

CRYSTAL PRODUCTS CO., LTD.
 Outdoor Girl nail pink† bottle 1 6

ROCHE PRODUCTS, LTD.
 Ronicol Compositum* ampoules 1 c.c. 6 18 0

ROUSSEL LABORATORIES, LTD.
 Amenorone Forte tablets 3 6 0
 Soframycin ointment 15-gm. tube 4 6



SELF-SERVICE UNIT: The British Patent Perforated Paper Co., Ltd., Hackney Wick, London, E.9, have produced for their Bronco interleaved toilet packet the self-service unit illustrated.

HydroCortisyl, DeCortisil, Prenolone?" (8-p. folder); "Cortisyl—Indications, Dosage, and Conduct of Treatment" (16-p. booklet).

Periodicals

AUTOPACK, LTD., 22 Caroline Street, Birmingham, 3: Autopackaging, No. 7, 1956. Pp. 16.

CHILEAN IODINE EDUCATIONAL BUREAU, Stone House, Bishopsgate, London, E.C.2: Current Iodine Literature, Vol. 3, Nos. 8-12. Iodine Information, No. 49. Pp. 40.

TIN RESEARCH INSTITUTE, Fraser Road, Greenford, Middlesex: Tin and its Uses. No. 37, Autumn. Pp. 16

SANDOZ PRODUCTS, LTD.

	Doz.	
Ipesandrine syrup*	3 fl. oz.	30 0
	7 fl. oz.	64 0
		4 6
		9 7

	Each	
SILTEN, LTD.		
Silbephylline tablets	25	3 10
	100	11 0
	500	53 10
suppositories	6	3 10
	50	25 11
ampoules	2 c.c.	6 5 8
	50	38 10
		51 9

	Doz.	
SILMOR DISTRIBUTING CO.		
André Philippé foam bubble bath*	sachet	5 0
	bottle	25 0
	gift pack	40 0
Zodiac perfume series†	12 6	5 11

LONDON RUBBER CO., LTD.

	London Suregrip Sylkette lined gloves	
	sizes 6-9½ pr.	35 0
	size 10	38 0
		4 6
		4 9

UPJOHN OF ENGLAND, LTD.

	Each
Neo-Cortef ointment	1 per cent. 20 gm.
	2½ per cent. 20 gm.
	50 0

WM. R. WARNER & CO., LTD.

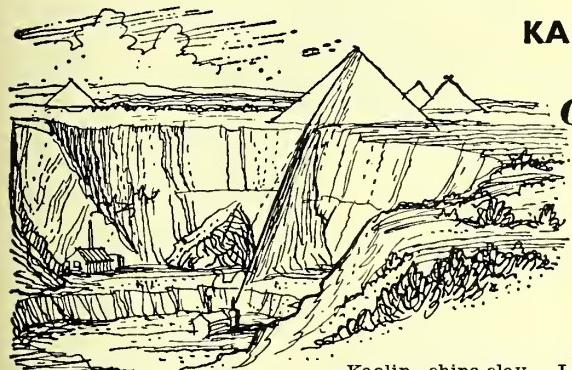
	Doz.
Pacatal tablets	100 mgm.
	260 0
	Each
	500 200 0

Sleep Sweeter **BOURNVITA**



Made by CADBURY

KAOLIN FROM CORNWALL... but
overalls from Gardiner's



Kaolin—china clay... Little ships from all the world anchor in Fowey river for their precious loads... China clay for porcelain—and kaolin (the same thing) for pharmacies... But Overalls from Gardiner's—material "medicinal" in its protective properties... Write, please, for our new comprehensive catalogue and price list.

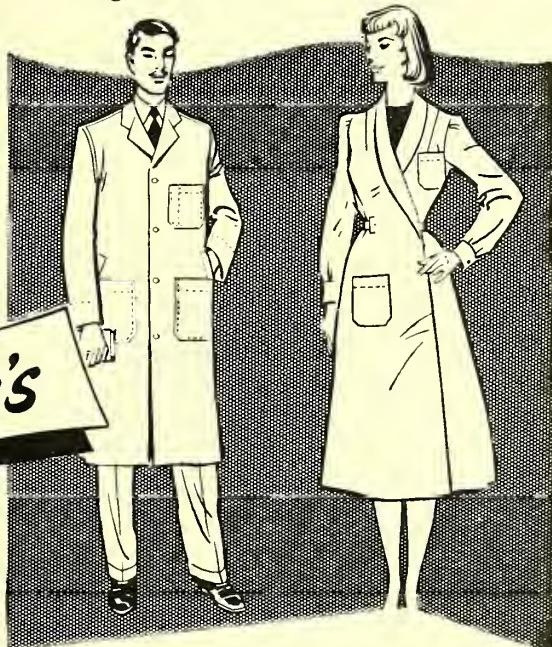
Illustrated left. Style C.40.
Men's Long Coats in White,
Khaki or Grey. 34" to 46" chest.
29/11.

Illustrated right. Style C.70.
Ladies' Drill Overalls in White.
SW 23/6. W & WX 25/6.
OS 27/11.

Postorders welcome. Please enclose 1/4d. extra for postage and packing.

Gardiner's

THE
OVERALL SPECIALISTS



Gardiner & Co. (The Scotch House) Ltd., 1, 3 & 5 Commercial Road, London, E.1. Tel: Bishopsgate 6751/3

ALWAYS SUMMERTIME

WITH A
'SOL-TAN' CARBON ARC
SUN LAMP

ULTRA-VOLET • RADIANT HEAT • INFRA-RED
The nearest approach to natural sunshine



MODEL EM106P/TM
THREE RAYS IN ONE
Price £6 6. 0. Complete
Tax Free.

SUPPLIED UNDER
DOCTOR'S PRESCRIP-
TION OR FOR
PROFESSIONAL USE.

The carbon arc lamp with the triple output of ultra-violet, radiant heat and the true black body infra-red rays. Coloured ivory and eau-de-nil and supplied in voltages from 100 to 250.

A 'SOL-TAN' for every Purse and Purpose

For home, profess'onal use and hospitals 'Sol-tan' produce a wide range of Health Lamps and Electro Medical appliances.

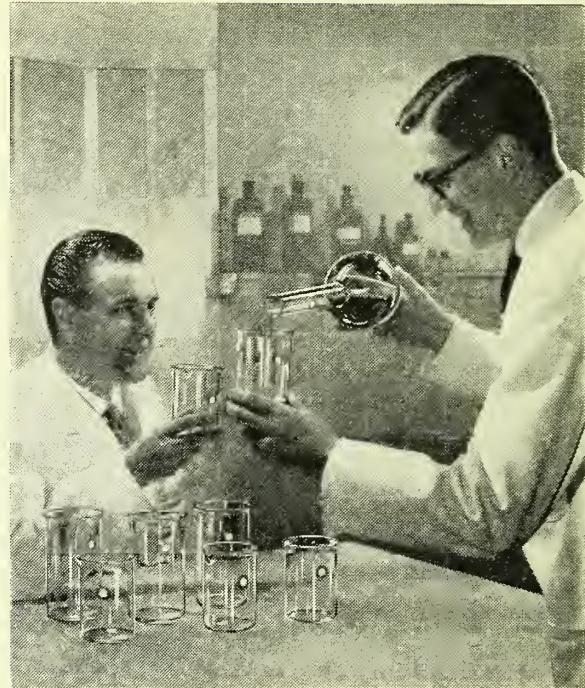
They are scientifically de-signed, fully tested and guaranteed for 12 months. Ask for details of the tax free Infra-Red Table model selling at the low price of £3 10. 0.



INFRA-
RED OR
RADIANT
HEAT
£3. 10. 0.
No. EM39P.

SOL-TAN

Write for details and Catalogues to:-
THE LONDON COMMERCIAL ELECTRICAL STORES LTD.
20-23 Cursitor Street, London, E.C.4.



'PYREX' Beakers and Flasks last longer... because they are stronger

Their basic strength derives from the borosilicate glass of which they are made, the coefficient of expansion of which is three point two times ten to the minus six, which is so low that it gives the glass an amazing resistance to sudden heat changes.

This means that 'PYREX' Beakers and Flasks can be made much thicker, heavier and more robust, thus protecting them against breakage through careless handling or clumsy washing.

Beakers and Flasks are the items you use most in your lab. They may seem almost common-place, but they cost money, and if you can save fifty per cent on your breakages by using 'PYREX' and nothing but 'PYREX', then this best of all laboratory glassware becomes a real investment.

- You'll find 'PYREX' everywhere, from the school to the research institute. Everybody recognises the 'PYREX' quality, and all appreciate the handy carton packs. Insist on 'PYREX' to cut down your breakages and reduce your costs.



'PYREX'
REGD. TRADE MARK
THE BRITISH
LABORATORY GLASSWARE



JAMES A JOBLING & CO LTD
Wear Glass Works Sunderland

THE ONLY MAKERS OF 'PYREX' BRAND GLASS IN THE UNITED KINGDOM

Containers—
with all fittings

Cork Lined sleeves—

Corrugated pull-through boxes
with or without divisions, of course!

COMPRESSED PAPER PACKING LIMITED

HORTON ROAD · WEST DRAYTON · MIDDLESEX · Tel: WEST DRAYTON 2237

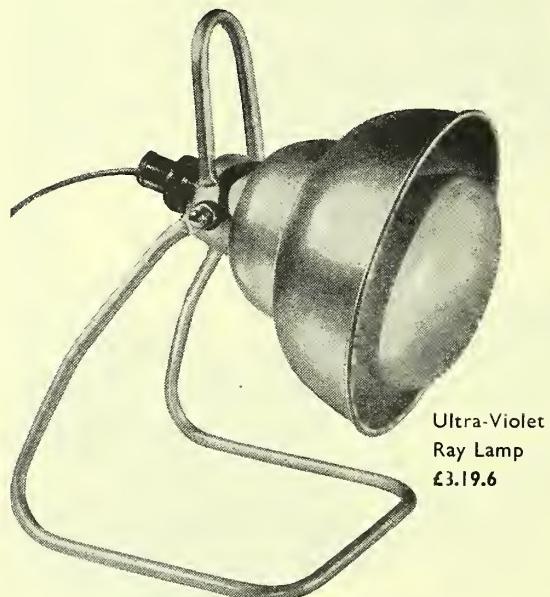
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EFFICIENT
LIGHT-TO-HANDLE
MODERN IN DESIGN
ECONOMICAL
DURABLE

Elmed

prescription medical lamps

The ELMED range of Medical Lamps cover all aspects of Infra-red, Ultra-violet and Radiant Heat treatment



Ultra-Violet
Ray Lamp
£3.19.6

Other lamps
in the
ELMED range
include

Duotherapy Lamp 17gns.
Radiant Heat Lamp £4.9.6
Infra-Red Ray Lamp £3.9.6

.....
Chromium plated collapsible stand folds
to put on shelf £5

FULLY ILLUSTRATED LEAFLETS AVAILABLE

ELECTRO-MEDICAL HIRE LTD

74 New Cavendish St., London, W.1. Tel : LANgham 9116

Barium Sulphate B.P.

Bariform Brand Barium Sulphate for X-ray diagnosis is a fine white powder conforming to the B.P.

Designed for the preparation of barium meals, it has excellent suspensibility and extremely fine particle size.

It is also available as a rapidly dispersible paste.

Hydrogen Peroxide

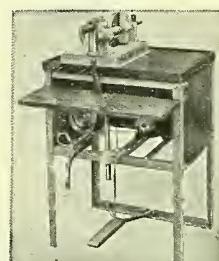


10 and 20 volumes in bottles. A wide range of packs and labels available.

LAPORTE

Laporte Chemicals Ltd., Luton. Tel: Luton 4390. Cables: Laporte, Luton

From our range of FILLING MACHINES

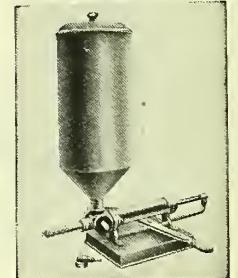


Power-driven
Volumetric Liquid
Filling Machine.

▲

Please write for particulars of our comprehensive range of Filling Machines. We undertake to adapt our machines to individual requirements.

▼



No. 4. Hand-operated
Tubes, Pots and Jars
Filling Machine. ▶

THE

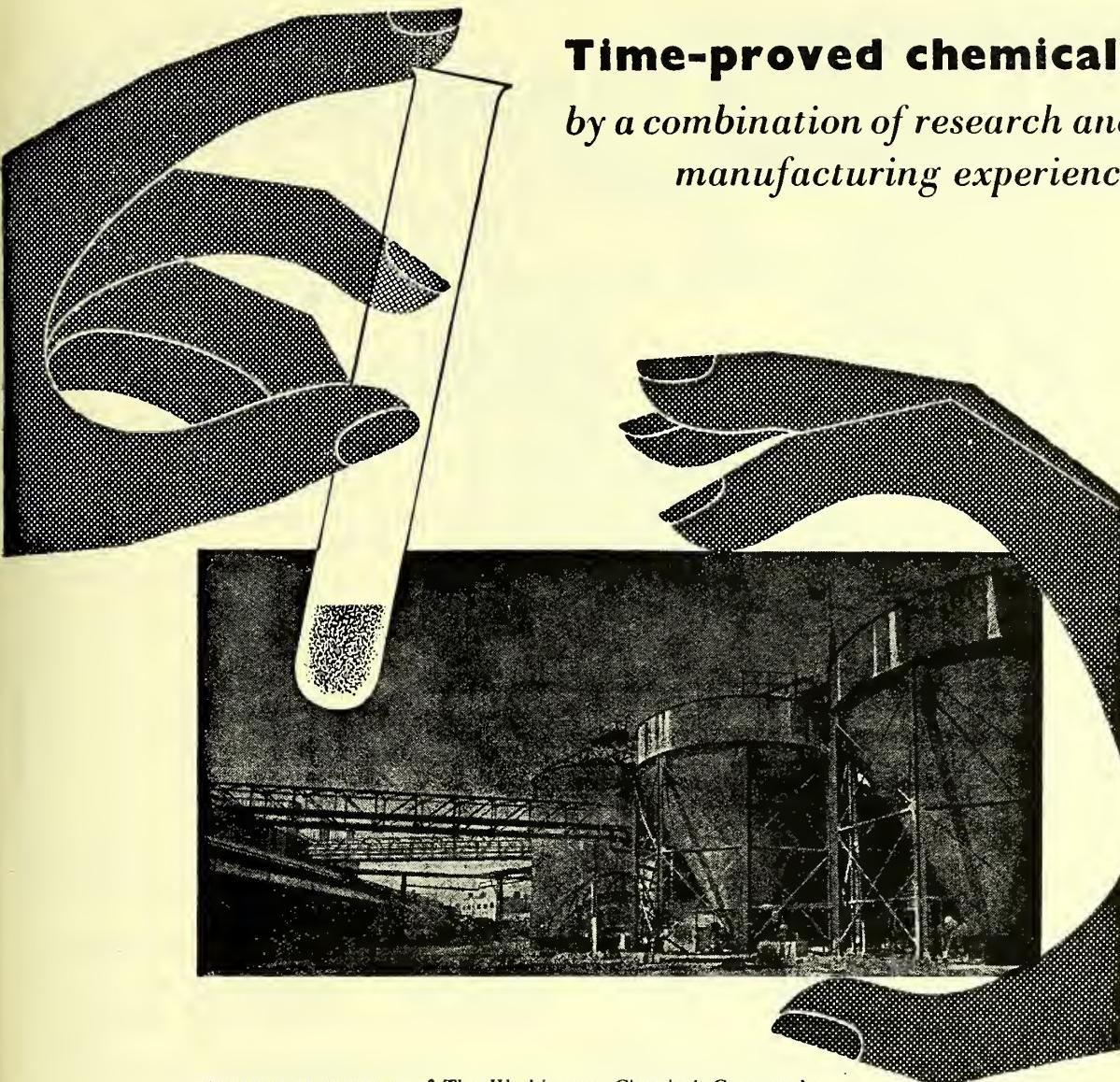
"CENTRAC"
MACHINES

THE BANISTER STREET WORKS LTD

18a, b, c, De BEAUVOIR ROAD, LONDON, N.1

Telephone : CLIsold 0828

Time-proved chemicals
by a combination of research and manufacturing experience



BEHIND THE SUCCESS of The Washington Chemical Company's products in so many industries is a story of research and experiment which goes back more than a hundred years. Today, every product made by the company is backed by a research organisation whose facilities include chemical, physical, spectrographic, and rubber compounding laboratories which are constantly dealing with new problems in almost every field of industry.

This experienced background is available to any manufacturer who requires information on the performance of any of our products in test formulae. Information in the form of technical bulletins is available on request.

THE WASHINGTON CHEMICAL CO. LTD.

A member of the TURNER & NEWALL ORGANISATION.

WASHINGTON · CO. DURHAM · ENGLAND

LONDON OFFICE : Empire House, St. Martin's le Grand, London, E.C.1.
 Telephone : MONarch 6898. Telegrams : Pattprodoux, Phone London.

MANCHESTER OFFICE : 74 Palmerston Street, Manchester 12.
 Telephone : ARDwick 2876. Telegrams : Pattprodoux, Manchester.

Agents Throughout The World

SAMARITAN**CHILBLAIN CREAM**

- * Pharmaceutically elegant
- * Highly effective
- * Attractively packed

Thoroughly tested and proved really effective for the relief of the pain of chilblains.

Another good 'Samaritan' product which can be sold with complete confidence.

Retail 1/9 per tube. Cost 10/8 per dozen plus 30% purchase tax.

Order now in readiness for winter display and sales.

THORNTON & ROSS

LIMITED

LINTHWAITE LABORATORIES
HUDDERSFIELD ENGLAND

TR 192

*You must sell this
6^d sachet!*

The big demand for Shandruff, the enemy of dandruff, is growing every week—it is a lovely shampoo which does what is claimed for it and is the **only** 6d. sachet of its type now on the market. Don't leave it any longer.



Price 42/- per gross sachets, plus P.T. AVAILABLE ON SALE OR RETURN
From your usual wholesaler or
VINES BIOCRIN LIMITED
222-224, HARROW ROAD, LONDON, W.2
Telephone: CUNningham 1172-3

BACK, KIDNEY and BLADDER PILLS



"The box with the pink wrapper."

A profitable line packed in two sizes
retailing at 1/9 and 2/9

SMALL SIZE

6/9

PER DOZEN

LARGE SIZE

12/6

PER DOZEN

THE ACTON PILL & TABLET CO. LTD.

ASH VALE · SURREY

Phone: FARNBOROUGH (HANTS) 698



IN CITROZE SALES

(TRADE MARK)

Citroze sales are leaping ahead. A wonderful product backed by lively, forceful publicity.

Right through the Winter Citroze will be heavily advertised on the complete TV network, with two 30-second spots per week in London, Manchester and Birmingham. And there'll be continuous advertising in the Medical press. Citroze, remember, is the energy drink you can take as a hot toddy. A big selling point in this peak period for colds and 'flu! Your customers will like the economy of Citroze! One bottle makes 4 whole-strength pints.

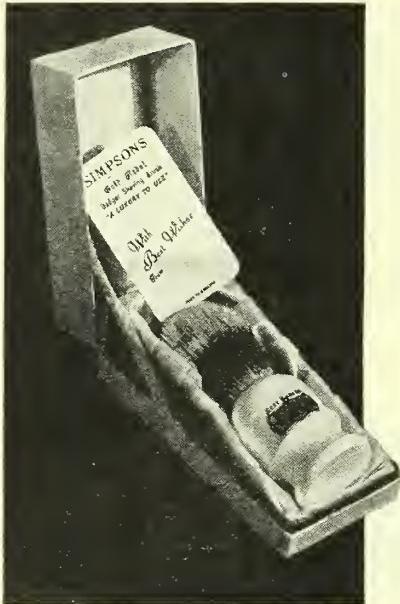
8/6 PROFIT ON 1 DOZ. BOTTLES

Even more with quantity buying. Get your discounts by combining orders for SUNFRESH and CITROZE. ORDER NOW from your wholesaler, or write/telephone Messrs. O. R. GROVES LIMITED, 20 Jermyn Street, London, S.W.1. Regent 7986/7/8/9 and 6175.



CITROZE for up-and-at-'em energy!

(TRADE MARK)



ENSURE THAT YOU HAVE A
GOOD SUPPLY OF

SIMPSONS SHAVING BRUSHES

ATTRACTIVELY PACKED FOR

Christmas Gifts

Available to your customers

PRICES RANGE FROM
170/- to 2400/- per doz.

OTHER LINES AVAILABLE WITH
ORDINARY PACKING

DO NOT DELAY — SEND YOUR ORDER NOW

SIMPSONS SHAVING BRUSHES

NIMMER MILLS · CHARD · SOMERSET

TELEPHONE: CHARD 3265

November 17, 1956

ENABLE YOUR CUSTOMERS
TO GIVE THE BEST
AT CHRISTMAS
ORDER NOW A SUPPLY OF
**COATES HIGHEST
QUALITY HANDDRAWN
TOILET BRUSHES**



PURE BRISTLE BRUSHES IN
SATINWOOD AND EBONY

Ladies 230/- to 780/- per doz.
Gents Military 294/- to 1200/- per doz.

Also Best Quality Bath
and Toilet Brushes

COATES BRUSHES LIMITED

NIMMER MILLS · CHARD · SOMERSET

TELEPHONE: CHARD 3265

FRUIT JUICES
PHARMACEUTICALS
PRESERVATIVES
AROMATICS

When it comes to
'know-how'

we also are proud of
our skill...



BUSH

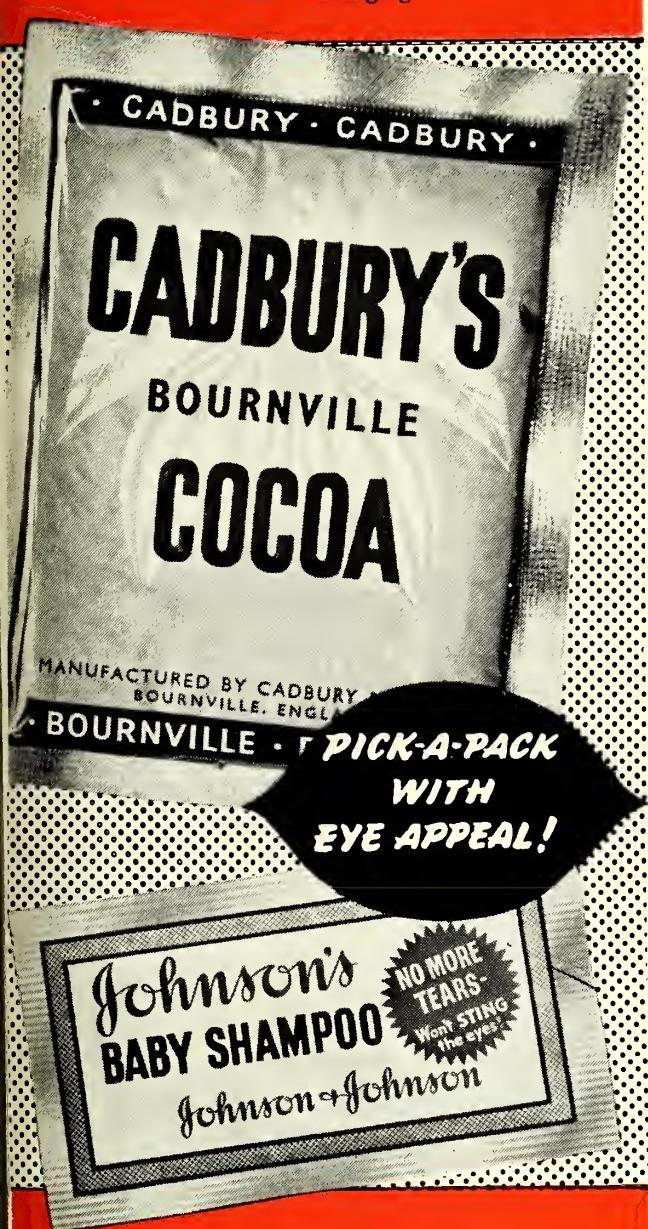
FINE CHEMICAL
MANUFACTURERS

W. J. BUSH & CO. LTD. LONDON · E 8 · ENGLAND

Telephone: CLissold 1234

IVERS-LEE

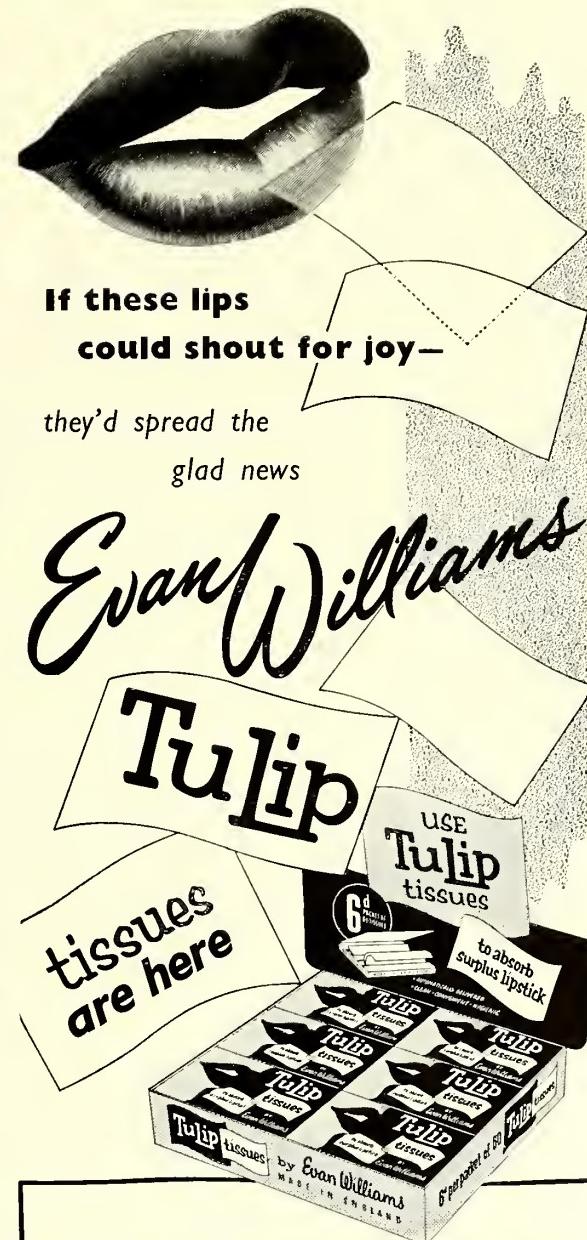
Unit Packaging



Ideal for tablets, powders, creams, liquids and for almost any small article, these economical packs offer perfect protection from manufacturer to consumer.

IVERS-LEE (Great Britain) LTD.

113 FARNHAM ROAD, SLOUGH, BUCKS.
Telephone: Slough 21234



Here is a new line that means extra sales to all your women customers — hygienic pink lip tissues of perfect absorbency, in the new-style pack, to fit the daintiest handbag. Sell one with every lipstick, and you'll be sure of repeat orders. Evan Williams are on to a big idea — and they have big ideas about advertising and selling it.

Tulip Tissues are

**NEW! ELEGANT!
GO ANYWHERE! GOING PLACES!**

WRITE TO:
EVAN WILLIAMS CO. LTD., PERIVALE, MIDDX.

woman
**THE MOST POWERFUL
ADVERTISING
SELLING TO WOMEN
ANNOUNCES**

During the week ending October 6, when most autumn advertising campaigns were launched, more money was invested in WOMAN to advertise products sold through chemists' shops than was invested in any other publication in Great Britain.

Advertisements in WOMAN influence the buying decisions of more than 6,000,000 women readers. That is why it takes an essential place in the plans of national advertisers.

3,306,959

A.B.C. WEEKLY NET SALES JAN.-JUNE, 1956

The Best costs no more!

when ordering ZINC OXIDE
insist on —



AND GET THE
Highest Standard of Purity

WHOLESAVERS ONLY SUPPLIED
ENGLISH MANUFACTURE
USED THROUGHOUT THE WORLD

Guaranteed free from lead and arsenic. Its manufacture is supervised throughout by qualified chemists. Each particle size will pass 240 mesh with less than 0.1% residue.

We supply most Wholesalers, but should you have difficulty please contact

H. LATTIMER

22 UPPER GROUND.
BLACKFRIARS, LONDON SE1

Telephone: WATERLOO 5800

Manufactured by FELLING ZINC OXIDE CO., LTD.

GUM TRAGACANTH
GUM KARAYA
WHOLE AND POWDERED
DIRECT IMPORTERS

Phone:
MANSON
HOUSE
4405
(3lines)

M. HAMBURGER & SONS
Plantation House
MINCING LANE • LONDON E.C.3

EADE'S PILLS & ANODYNE OINTMENT

A 100-year old reputation for efficacy in the relief of the pains of Rheumatism, Gout, Lumbago, Sciatica & Neuralgia.



EADE'S PILLS

RETAIL (inc. Pur. Tax)	WHOLESALE (Plus Tax)	RETAIL (inc. Pur. Tax)	WHOLESALE (Plus Tax)
1/11	13/6 doz.	1/11	13/6 doz.
4/-	29/- doz.	4/-	29/- doz.
6/9	49/- doz.		

EADE'S ANODYNE OINTMENT

EADE'S PILLS LTD. (Dept. C & D)
232 Goswell Road, London, E.C.1. Clerkenwell 3370

"HOLDFAST" SAFETY SOOTHER

(Patented)

Fitted with
PURE LATEX
CHERRY or STRAIGHT
TEAT.

Ask your wholesaler or
write us for your nearest stockist



MAYLEN MFG. CO., LTD.
7-9 HOLLOWAY HEAD
BIRMINGHAM 1

GALIC ACID PYROGALLIC ACID

(RESUBLIMED, PURE CRYSTAL AND TECHNICAL)

AND DERIVATIVES

WHOLESALE AND EXPORT ONLY

J. L. ROSE, LIMITED, ABBEY ROAD, BARKING, ESSEX

SMALLER SIZE TRESS



TRESS, already one of the biggest selling wave sets, will reach an even wider market with the addition of this half-size pack. Be sure you have stocks to meet an entirely new demand for 1/9d Tress. The large size will still continue in demand by enthusiasts who have formed the habit of buying Tress at 2/10½d per bottle.

TRADE TERMS

SMALL SIZE
Price 8/10d
per dozen bottles
plus 90% tax
selling at 1/9d per bottle.

LARGE SIZE
Price 14/5d
per dozen bottles
plus 90% tax
selling at 2/10½d per bottle.

GOLDEN LIMITED, 7 GROSVENOR STREET, LONDON, W.I. Hyde Park 1671

Trade Enquiries for the Republic of Ireland should be addressed to: Lilmar Pharmaceuticals, Ltd., Santry, Dublin.

NIPASOL-M

B.P.C. STANDARD

The original British made preservative and antiseptic with its wide use for pharmaceutical and cosmetic products.

Our Service Dept. will gladly co-operate with you on all technical problems.

NIPA LABORATORIES LTD
TREFOREST INDUSTRIAL ESTATE
Nr. CARDIFF TEL: TREFOREST 2128/9

Sole Distributors for the United Kingdom

P. SAMUELSON & CO., ROMAN WALL HOUSE, I CRUTCHED FRIARS, E.C.3. Telephone: ROYAL 2117/8

Attractive NEW tube packs for

ROZALEX
BARRIER CREAMS

the INVISIBLE glove



No. 1 FOR DRY WORK
tube 1/9 tin 2/6

No. 8 FOR WET WORK
tube 1/9

PRICES INCLUDE P.T.

Good retail trade terms.
Order direct or from your wholesaler.

ROZALEX LIMITED, 10 NORFOLK STREET, MANCHESTER 2



BUCHU
PAPAIN
CALABAR BEANS

and all other Botanicals, Gums,
Waxes, Essential Oils and Spices

JOHN KELLYS (LONDON) LTD.
24 OLD BROAD STREET, E.C.2

Telephone: LONDON Wall 6585 (4 lines)

Telegrams: "Ergotine, Stock, London"

NEW YORK • HAMBURG

In two years Becantyl has become an established treatment for useless cough—

especially with children and old people
No side-effects

Unrelated to morphine derivatives or guaiacol and with none of their disadvantages, Becantyl suppresses useless cough. The active ingredient in Becantyl is Sodium-2:6-ditertiarybutylnaphthalene monosulphonate. This chemical, which does not cause constipation, anorexia, drowsiness or other side-effects, is the result of original research.

These characteristics make Becantyl especially valuable for the treatment of useless cough in children and old people.

Becantyl is available in 4 fluid ounce bottles, and also in 40 fluid ounce and 80 fluid ounce dispensing bottles.

PACK	TRADE PRICE	Retail Price including purchase tax
4 fl. oz.	28/- + 8/2d P.T. (per doz.)	4/2d each
40 fl. oz.	20/- + 5/10d P.T. (each)	35/10d each
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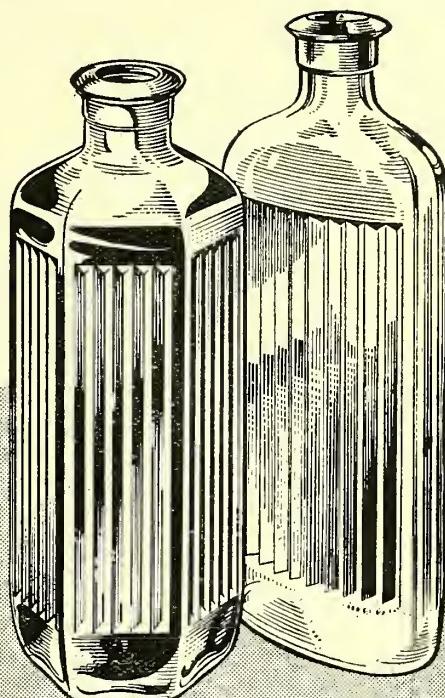
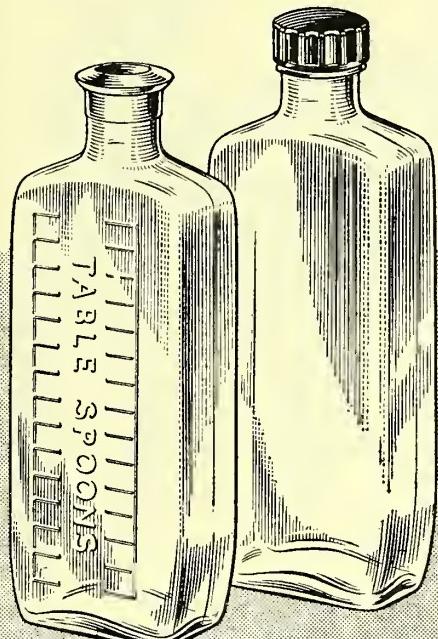
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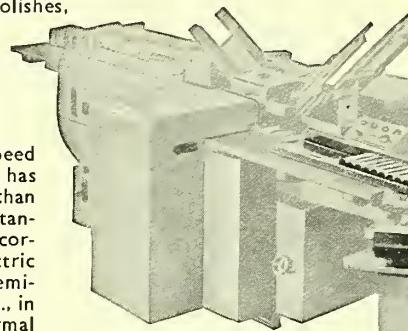


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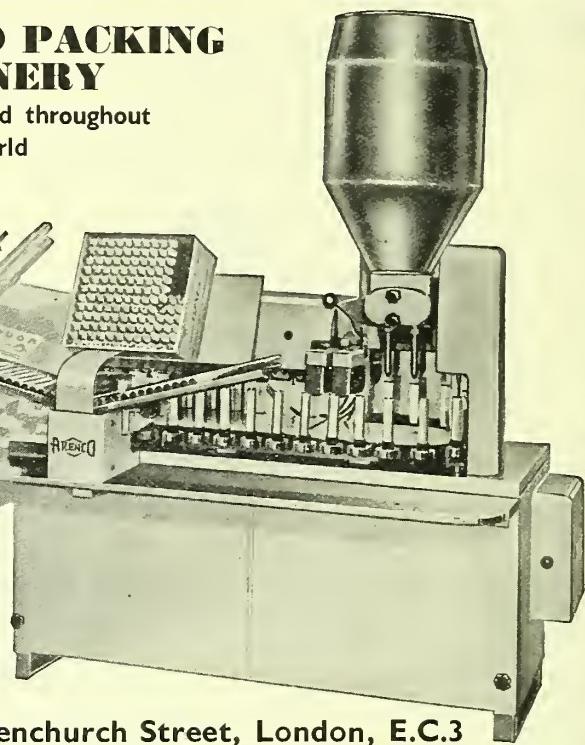
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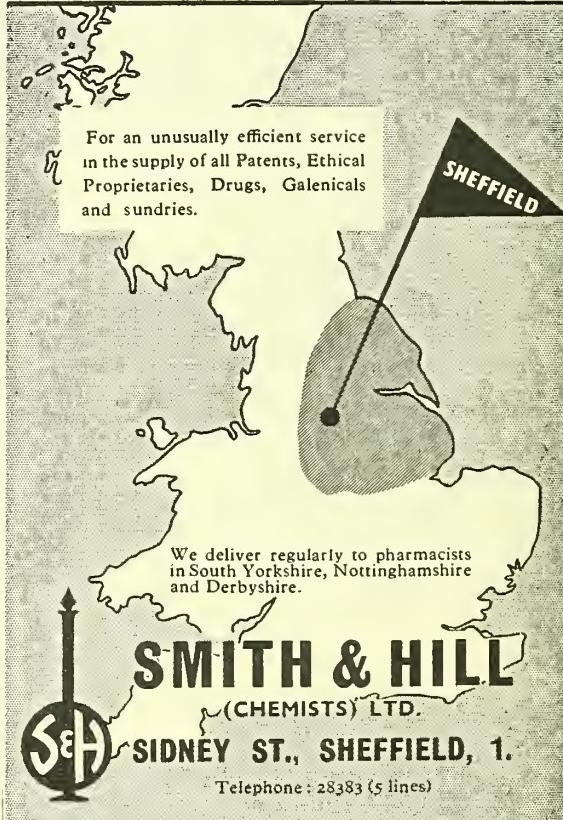
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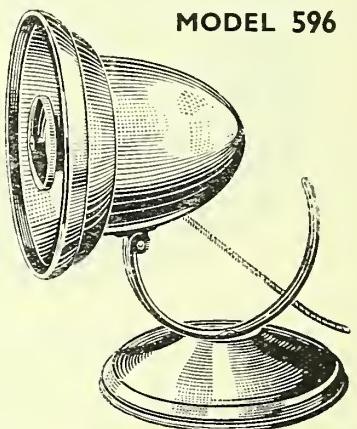
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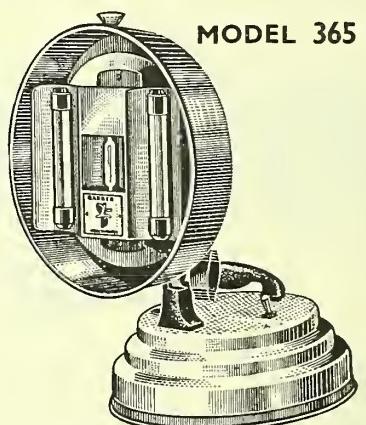
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CAMBRIDGE HEATH ROAD,
LONDON, E.2
Senior Pharmacist

Immediate vacancy, modernised department, salary as Whitley Council scales. Canteen facilities available. Applications with names of two referees to be addressed to the Hospital Secretary. C 292

CENTRAL MIDDLESEX
HOSPITAL,
PARK ROYAL, N.W.10

Assistant-in-Dispensing
required. Whitley Council scale (£205 p.a. at 18 years, £495 p.a. plus £20 for certain qualifications); also Junior to gain experience in Sterile Products Laboratory. Applications to Medical Director as soon as possible. C 5868

DULWICH HOSPITAL, EAST DULWICH GROVE, LONDON, S.E.22

Senior Pharmacist

Applications invited for appointment to above post in a busy well-equipped department (Category III). The Hospital is associated with King's College Hospital Medical School for teaching medical students.

Salary and conditions according to Whitley Council agreements.

Apply giving details of qualifications and experience, with names of two referees to Group Secretary, Camberwell H.M.C., Dulwich Hospital. C 5872

FINCHLEY MEMORIAL HOSPITAL,

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Part-time Pharmacist

20-24 hours weekly. Whitley salary. Apply Hospital Secretary. C 5843

FULHAM HOSPITAL, ST. DUNSTAN'S ROAD, HAMMERSMITH, W.6

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Pharmacist

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Applications, stating age, qualifications, experience, and naming two referees, to be sent to the Secretary. C 297

KING EDWARD VII HOSPITAL, WINDSOR

(Category III Hospital)

Pharmacist

required. Apply with details of service and names of three referees to Secretary. C 5854

LEICESTER ISOLATION HOSPITAL & CHEST UNIT, GROBY ROAD, LEICESTER

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Applications are invited for the position of Senior Pharmacist at the above hospital. The appointment will also carry responsibilities for duties connected with the Central Purchase and Supply of drugs, etc., and work at other hospitals in the Group under the direction of the Chief Pharmacist. The commencing salary, depending on experience and previous service, is within the scale of £575 p.a. x £25 to £750 p.a. plus £25 allowance for higher qualification. Apply, with the names of two referees, to the Chief Pharmacist. C 5856

MONYHULL HALL HOSPITAL, KINGS HEATH, BIRMINGHAM, 14

Qualified Assistant-in-Dispensing

required. National Health Service conditions of service. Salary 21 years, £325 p.a.; 22 years and over, according to experience, within range £385 p.a., by annual increments to £495 p.a. Applications to Medical Superintendent. C 5855

NOTTINGHAM No. 1 HOSPITAL MANAGEMENT COMMITTEE

Senior Pharmacist

Applications are invited for the appointment of Senior Pharmacist to take charge of, and develop the Sterile Products Unit at the General Hospital, Nottingham.

Detailed information may be obtained from the Chief Pharmacist.

Applications stating age, qualifications, and experience, particularly in the preparation of Sterile Products, together with the names of two referees, to be sent to the Group Secretary, General Hospital, Nottingham. C 281

ST. ALBANS CITY HOSPITAL, NORMANDY ROAD, ST. ALBANS, HERTS

(384 Beds)

(a) Senior Pharmacist (Category III)

(b) Pharmacist

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Senior Pharmacist

required. General and Maternity Hospital Unit. Salary in the range £575-775 per annum. Apply Hospital Secretary. C 5832

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TECHNICAL COLLEGE

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Further particulars and forms of application may be obtained from the Registrar, The Technical College, Sunderland, co. Durham. Applications should reach the undersigned within fourteen days of the appearance of this advertisement.

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Education Offices, 15 John Street, Sunderland. C 5869

Appointments—Continued**SOUTH WEST MIDDLESEX HOSPITAL MANAGEMENT COMMITTEE, WEST MIDDLESEX HOSPITAL (Category V)**

Senior Pharmacist

required to take charge of new Sterile Laboratory. Should be experienced in this type of work. Salary scale £575—£775 plus London Weighting, and higher qualification allowance £25 per annum. Commencing salary determined by previous experience. Whitley conditions. Applications stating age, qualifications and experience, with copies of testimonials and names and addresses of three referees to Chief Pharmacist, West Middlesex Hospital, Islsworth, Middlesex.

C 5870

THE LONDON HOSPITAL, WHITECHAPEL, E.1

Registered Pharmacist

Vacancy exists for the above post. Salary £500 x £25 (3) x £30 (5)—£725, according to previous experience and service. Dining room facilities available. Write Secretary.

C 289

WILLESDEN GENERAL HOSPITAL, HARLESDEN ROAD, N.W.10

Senior Pharmacist

wanted. Apply Hospital Secretary.

C 294

WORTHING GROUP HOSPITAL MANAGEMENT COMMITTEE, WORTHING HOSPITAL, LYNDHURST ROAD, WORTHING, SUSSEX

Pharmacist

Applications are invited for the appointment of pharmacist (male or female) vacant November 1956, for duties in new department recently opened. Salary and conditions of service in accordance with Pharmaceutical Whitley Council Scale. Applications stating age, qualifications and experience, together with the names of two referees, to be forwarded to the Hospital Secretary.

A. V. OAKTON,
Group Secretary,
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ARNOLD M. GEE, LTD., have vacancies for lady dispensers at their Norbury, London, S.W., and Windsor branches. Both these situations are in pleasant pharmacies, with good working conditions and superannuation scheme. Please give full details of age, previous experience and approximate salary required to Managing Director, Arnold M. Gee, Ltd., 12 High Street, Colliers Wood, S.W.19.

C 4189

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C 4179

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C 278

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C 282

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C 4120

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C 4193

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C 5815

CHAS. F. THACKRAY, LTD., Makers of Surgical Instruments and Hospital Equipment, have a vacancy for a representative in the London area and a similar vacancy in the Provinces. A representative is also required to travel overseas. The appointments will provide good prospects for conscientious and enthusiastic men. Applications should be sent in writing to Head Office, 10 Park Street, Leeds, 1, with full details of age, experience and salary required.

C 5859

CHIEF CHEMIST required by progressive company of manufacturing chemists in Southern England. Degree in chemistry or equivalent with experience in pharmaceuticals and/or cosmetic field. Preferably age 30-40. Salary minimum £1,250 per annum. Unlimited scope for further large bonus earnings. Rapid progress for man of ability and real enthusiasm. Write in detail and strict confidence giving age, education and experience to Box C 5842. **EDWARD TAYLOR, LTD.**, manufacturers of medical plasters, require a representative to cover hospitals and wholesalers East and North Scotland. Remuneration by salary and expenses. Application stating age, experience and full details of previous employers which will be treated in confidence to: Sales Manager, Monton, Eccles, Manchester.

C 5847

IMPORTANT COMPANY of rubber manufacturers require additional sales staff in all areas to introduce a range of new lines. Must have sound connections with wholesale and retail chemists, hardware stores and ironmongers. Salary, commission and expenses. Car owner essential. Write stating age, experience, how long with present firm, and full details of area worked. All replies treated in strictest confidence. Box SI4073, C.W.P., 35 Morley Street, Bradford, 7, Yorkshire.

C 5851

MANAGER required to control expanding patents and ethical department. Previous experience in this sphere essential. Good prospects. Living accommodation available. Five-day week, pensionable post. Apply in strict confidence giving fullest personal details, salary and experience to the Managing Director, United Chemists Association, Ltd., Ucal Works, Cheltenham, Glos.

C 5845

MIDDLESEX

APPLICATIONS invited from men with real interest in medical representation to take over established connection. A sound knowledge of pharmacy is needed but experience of the work not essential. Residence in Middlesex or West London necessary. This is a first-class pensionable position. Staff know of advert. Full details, strictly confidential, to Box C 5718.

OPPORTUNITIES occur for pharmacists, aged 21-25, in the pharmaceutical division of a well-known firm of chemical manufacturers near London. The engagement is on the manufacturing and packaging of ethical products, with opportunity for experiment in production and control methods. Salary according to qualifications and experience, with prospects of advancement. Apply initially in writing to Box C 5833.

PARKE, DAVIS & COMPANY, LIMITED, invite applications from pharmacists for a junior executive position in their pharmaceutical manufacturing division. The position entails supervision of groups of process workers and offers an opportunity to gain wide experience in modern large-scale production methods. Good promotion prospects, previous manufacturing experience, while an advantage, is not essential. 5-day week, staff restaurant, generous pension plan. Write with full particulars to Personnel Manager, Staines Road, Hounslow, Middlesex.

C 5818

PROCESS WORKER required for the manufacturing department of a London Drug House. Five-day week, pension scheme, and canteen facilities. Write stating age, experience and salary required to Box C 5864.

C 5864

PROCESS WORKER required by Wright Layman & Umney, Ltd., for manufacture of galenicals, etc. Five-day week; canteen facilities and contributory pension fund in operation. Apply with details of age and previous experience to Works Manager, 66 Park Street, S.E.1.

C 5874

REPRESENTATIVES REQUIRED for (a) Midlands; (b) London and Home Counties, by pharmaceutical house marketing public and ethical products of international repute. The appointment offers considerable opportunity for progress. Salary, commission and expenses, pension scheme. Applications, which will be treated in confidence, should give full details of age, experience, etc., to Sales Manager. Box C 5835.

C 5835

REPRESENTATIVE FOR SOUTH LONDON AND SOUTH EASTERN COUNTIES

required immediately by company of worldwide repute. Connection with chemist and/or hardware trade essential. Outstanding opportunity, good salary, bonus, liberal expense allowance, pension scheme, car provided. Full particulars in strict confidence, stating present salary level to Sales Director, Box US 2361A.K. Advg., 212A Shaftesbury Avenue, London, W.C.2.

C 5871

SALES REPRESENTATIVE for manufacturing chemists to call on qualified veterinary profession, Northern Counties and Scotland to take over very well established connection with good prospects of further development. Car and expenses provided with good salary and bonus. Some knowledge of pharmacy and Veterinary products essential. Previous experience of representation is very desirable. Apply Box C 5819.

C 5819

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MANUFACTURERS of Elastoplast, Nivea and pharmaceutical products, require additional representation IN ALL AREAS. Applicants must be aged 25-35, of proven sales ability, good education and manner. Remuneration by salary and commission. Contributory pension scheme. Car provided and all expenses paid. Apply immediately detailing age, education, experience and present earnings, to Field Manager, Smith & Nephew, Ltd., Tewin Road, Welwyn Garden City, Herts. C 5839

TRAVELLER required for north-eastern counties. Must have good knowledge of trade and know chemists covering the area. Substantial salary, car allowance, and commission. Apply Box C 283.

TWO COMPETENT ANALYSTS are required in the control laboratories of a company of international repute manufacturing ethical and lay pharmaceutical and cosmetic products. One post is in the Southampton area, the other initially in London, but transferring to the Southampton location in approximately six months' time. Previous experience in pharmaceuticals or cosmetics would be of value, but a sound basis of fundamental analytical techniques is certainly expected. Initial salary would be related to qualifications and experience; increases are dependent on merit. The amenities of a very modern industrial establishment are provided and the company operates a non-contributory pension scheme. Write to Personnel Manager, Wm. R. Warner & Co., Ltd., Power Road, London, W.4. C 5850

WANTED: Chemist for analysis and control of pharmaceuticals. Knowledge of brewing processes and analysis an advantage, good prospects. Give full details of age, qualifications, experience and salary required. Jeffreys, Miller & Co., Ltd., Leyland Mills, Wigan. C 4182

WHOLESALE AND MANUFACTURING CHEMISTS require a young lady dispenser. Modern building near city centre. Good working conditions. Apply, stating age and details of experience to Southall Bros. & Barclay, Ltd., Priory House, Gooch Street, Birmingham, 5. C 5865

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Applications, giving full particulars of age, experience, etc., should be made in writing to the Personnel Officer, 137/139, Sandgate Road, Folkestone, Kent, quoting ref. TN/10.

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OPTICIAN, C.P.C., F.B.O.A., F.S.M.C., available for half-day or whole-day attendances on regular weekly basis. London or near. Box C 4176.

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A Chemist with a pharmaceutical background is required for process and analytical control and varied research work, including formulation of new products. Applications stating age, qualifications, details of past experience, salary required to the Managing Director, Harker Stagg Limited, Emmott Street, Mile End, E.1. C 5875

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EXPORT/GENERAL MANAGER. Age 45. Home and overseas experience manufacturers and merchants. Capable accepting responsibility complete administration. Good contacts overseas agents and London confirming houses. Sound buying knowledge. Box C 4136.

MEDICAL REPRESENTATIVE (31), seeks post offering more scope and responsibility—ethical, pharmaceutical or allied fields. Record second to none, in both direct selling and ethical promotion. First-class references. Present employers informed. Box C 4196.

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AGENT already calling on large manufacturing chemists, seeks agency for suitable materials to offer. Office, small-scale manufacturing, packing and storing facilities are also available in Central London area. Small financial investment considered. Box C 4181.

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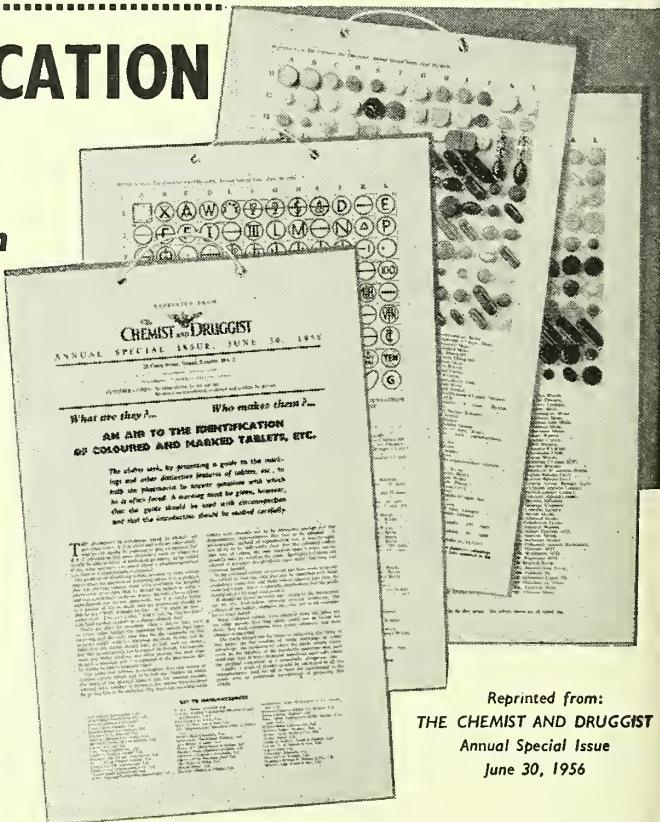
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